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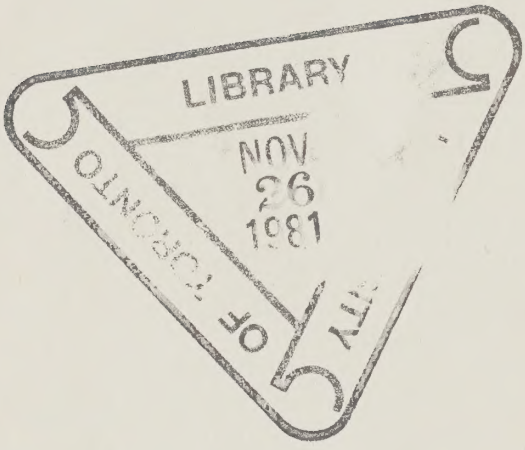
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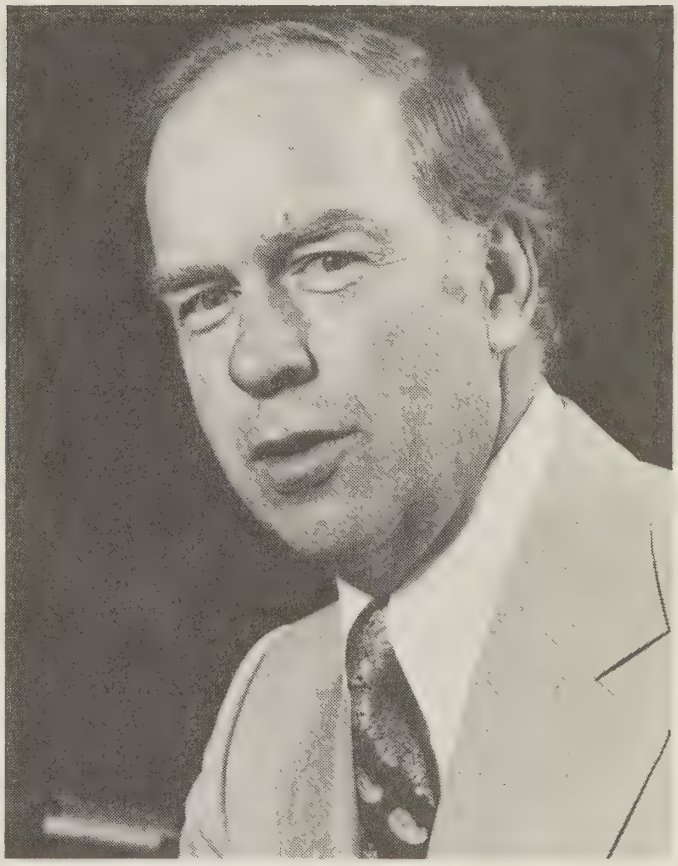
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Foreword



All busy researchers routinely find themselves digging through statistical texts for just the right piece of data to substantiate some point they want to make. If the area is as vast and varied as social and economic analysis, that search can be very time-consuming.

Like its predecessors, this seventh edition of *Ontario Statistics* from the Ministry of Treasury and Economics has been designed to answer the need for a single, current, comprehensive handbook on social and economic activity in Ontario and Canada. As our regular users will know, the publication is now considered by many people — educators, consultants, librarians, students, policy and financial analysts and, increasingly, the general public — to be the standard authoritative work in its field.

Although the groundwork to establish the appropriate format and subject areas was laid many editions ago, the text has evolved through annual revisions and amplifications into a solid research tool for users in commerce, industry, education and government.

It is the only work of its kind to successfully cover more than 20 sections of comparative socio-economic data relating to the province and elsewhere, and to include pertinent observations and definitions within each section. The simple arrangement and presentation of data in tables, charts and graphs put thousands of cross-referenced statistics at your fingertips.

I should like once again, then, to greet all new users of *Ontario Statistics,* to welcome back our regular subscribers, and to thank our many sources at Statistics Canada and other federal agencies, the provincial government ministries, and the financial and industrial organizations who helped make this seventh edition possible.

Frank S. Miller

Frank S. Miller

Treasurer of Ontario and
Minister of Economics

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Qualifying Remarks

The following symbols have been used in the tables:

.. figures not available

... figures not appropriate or not applicable

– nil or zero

–– amount too small to be expressed

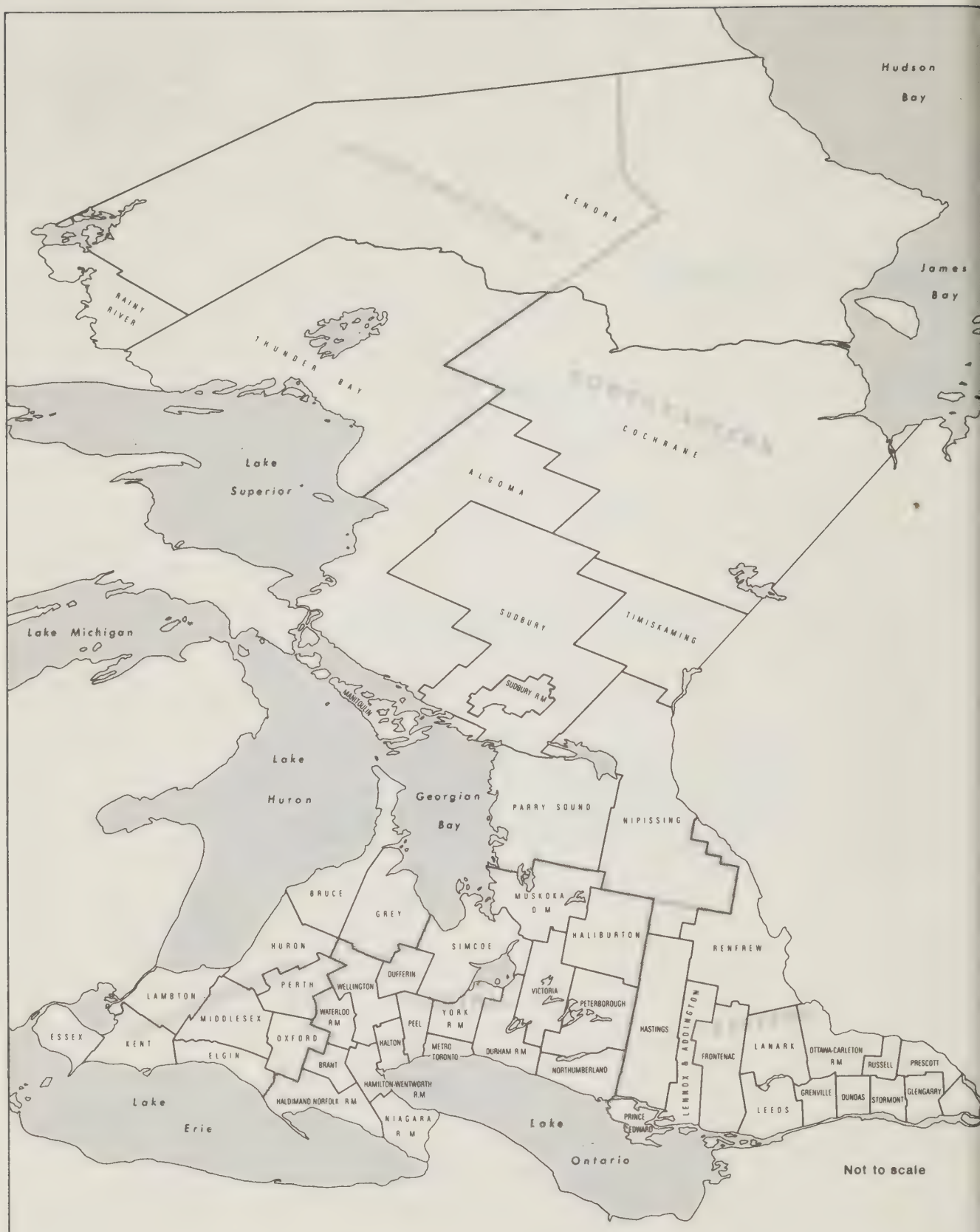
p preliminary figures

r revised figures

In some tables figures will not add due to rounding. All tables with 1971 Census of Population as source will not normally add due to rounding methodology, see Appendix II.

In the highlights the terms billion and trillion correspond to 10^9 and 10^{12} respectively.

Sub-provincial information has normally been supplied at county level, but in some cases regional information is reported. The reader should be cautious when using such data to ensure that regional descriptions do not differ. In the case of Planning Regions, used extensively within the Ministry of Treasury and Economics for regional studies, the Map of Ontario, which follows, provides clear description of the areas assigned to each region.



Province of Ontario

Boundaries

—— County, District, Regional Municipality

Planning Region (alternatively called "Economic Development Region")

Part 1

Social Series

Section 1

Physiography and Natural Environment

Highlights

Physiography — The Province of Ontario encompasses the following areas of land and water.

	Square Miles	*Hectares*
Land	344,092	89,121,360
Water	68,490	17,739,215
Great Lakes (under Ontario jurisdiction)	29,501	7,637,498
Other lakes & streams	38,989	10,101,717
TOTAL	412,582	106,860,575

Source: Surveyor General of Ontario, Ontario Ministry of Natural Resources.

All of the land and water area in the province can be apportioned into watersheds or drainage basins.

There are 18 major drainage basins in Ontario. Twelve of these are in the southern portion of the province. Approximately 71% of Ontario's population live in the 10 major watersheds of the Lake Ontario and Lake Erie drainage basins. These watersheds contain only 6.5% of the total land area of the Province.

Climate — Ontario's climate is characterized by cold winters and warm summers. Mean temperatures can vary by as much as 35 degrees C, between the winter and summer seasons.

Since winter precipitation is stored as snow, stream flows in the spring months may be many times the low flows of other seasons. Some river flows vary from no flow at all to hundreds of cubic meters per second, which has resulted in major flooding problems.

Thunder Bay in Northern Ontario receives more bright sunshine than does Toronto. The amounts of solar radiation received in most Ontario cities are deemed sufficient for solar energy applications. The values for "degree days below 18°C" indicate the heating requirements for buildings in the cities listed.

Environmental Quality – The Environmental Quality statistics presented in this Section are focused on pollution issues, and are organized as follows:

1. Emission and discharges – sources of stress.
2. Environmental objectives – standards, guidelines and criteria established by Local, Provincial, Federal and International agencies.
3. Ambient quality conditions – concentrations or levels of contaminants in the air, land or water.
4. Environmental effects – damages and problems caused by pollutants.
5. Pollution abatement and environmental protection efforts – sewage and water treatment facilities, legal and administrative actions by governments and financial resources spent on pollution control activities.

To the extent possible, the data are presented on the basis of ecological units such as watersheds.

- **Emissions and Discharges** – The total quantity of man-made air pollution emissions that are inventoried currently amount to about 6.5 million tonnes of contaminants on an annual basis. Inventories of five categories of airborne contaminants are compiled for the entire province and for two metropolitan areas: Hamilton and Metropolitan Toronto. Although comparable emission data are not yet sufficient to determine trends in emission levels, it is clear that sulphur oxides and carbon monoxide are the two major pollutants emitted in the province according to weight, accounting for 83% of all inventoried air pollutants emitted in the province. Electric generating stations and motor vehicles are the primary sources of sulphur oxides and carbon monoxides respectively. Industrial sources are major contributors to sulphur oxides, nitrogen oxides, particulate matter and hydro-carbons.

  Six Ontario Hydro thermal generating stations emit about 430,000 metric tons of $S0_2$ per year and seven major industrial sources emit approximately 1.6 million metric tons of $S0_2$ annually. Total emissions from these 13 point sources account for about 98% of the total annual inventoried SO_2 emissions for the province SO_2 emissions from the industrial sources have generally declined over the past 10 years while SO_2 emissions from power generating stations have been steady.

  Data on hauled industrial waste liquids and sludges are beginning to become more standardized and reliable. However, because new waste generating sources were added to the system during 1980, trends over time cannot as yet be determined. It appears, however, that approximately 250 million litres of these waste materials are generated in Ontario each year.

  Pollution to the surface waters of the province comes from six main sources (1) direct discharges from sewage treatments plants, (2) direct discharges from industrial sources, (3) combined storm and sanitary sewer overflows, (4) urban storm water runoff, (5) runoff from agricultural land, (6) deposition from the air in the form of particulate materials or dissolved solids.

  Wastewater discharges from the first two sources are monitored systematically.

  Contributions from the other sources have to be estimated on an annual basis. Approximately 75% of the 1.3 million tonnes of suspended solids discharged into the province each year comes from agricultural runoff. About 86% of the 270,000 tonnes of oxygen-demanding materials (BOD_5) estimated to be discharge to water-courses annually is derived from industrial sources.

- **Environmental Objectives** – Objectives for ambient air quality have been established by Regulation. Criteria for 23 air quality contaminants have been established under Regulation 872/74. Maximum allowable concentrations at the point of impingement for 84 contaminants are established under Regulation 15 of the Environmental Protection Act, 1971. These values represent the maximum desirable concentration of the contaminants in community air over a specified period of time.

  The Ontario government has not established water quality standards or discharge objectives by Regulation. However, specific water quality objectives and policies are presented in the publication *Water Management Goals, Policies, Objectives and Implementation Procedures of the Ministry of the Environment*. Nov. 1978.

- **Ambient Quality Conditions**– Air Quality data show that ambient air quality conditions continue to improve throughout the Province. Acidic precipitation, much of which results from the long range transport of air pollutants, occupies a very high priority as an environmental problem in Ontario and Canada.

- **Environmental Effects** – Pollution can have a wide variety of adverse ecological and physical effects that can be measured in various, physical units. These types of effects include fish kills, fish and aquatic life population changes, human deaths and disease caused by pollution, damages to crops and livestock, etc. The human significance of these effects is more subjective and difficult to measure. One approach is to estimate the dollar value of the physical effects. Some effects obviously have a greater significance than do others.

  While there are substantial amounts of data and information on environmental effects, they tend to be location specific, unsystematic, anecdotal and gathered on a one-time basis only. Fish contamination with heavy metals and trace organic chemicals is an important effect which the government is monitoring. So fa only two locations in Northern Ontario, including the Wabigoon River, have fish that are so contaminated tha it is recommended that no fish be eaten at all.

  The absence of many obvious, systematic and severe environmental effects and damages in Ontario may be taken as the beneficial results of the pollution abatement and environmental protection efforts that are underway in the Province.

Pollution Abatement and Environmental Protection Activities – As of December 31, 1980, a total of 1,517 waste disposal sites were receiving industrial and municipal solid and liquid wastes and 436 sites were receiving treated sewage sludge. The Ministry of the Environment no longer approves sites for derelict motor vehicles. During 1980 there were 1,089 municipal, private and industrial waste haulers approved by the Ministry of the Environment in Ontario.

Communal sewage treatment plants are in place for approximately 98% of the urban population of the Province or 82% of the total population. Communal water supply systems are now providing drinking water to 98% of Ontario's urban population.

In 1980, there were 362 sewage treatment plants and 430 water treatment plants in the Province. A total of 221 sewage treatment plants are operated by the Ministry of the Environment, while 93 of the water treatment plants are operated by the Provincial Government. The remainder of the sewage and water treatment plants are operated by local municipalities. Important problems associated with some sewage treatment plants are odours, sewage sludge disposal and contamination with heavy metals (chromium, lead, copper, etc.) and other persistent chemicals.

About 43% of the 250 million litres of hauled industrial waste liquids and sludges generated in the Province annually are land-filled, 30% are incinerated, 20% receive chemical treatment and 6% or 15.6 million litres are exported for treatment and/or disposal.

Between 1979 and 1980, the number of Ministerial Orders (Control Orders, Requirements and Directions, etc.) directing companies, municipalities and individuals to curtail pollution by a specific date decreased from 110 to 101. A total of 37 new Control Orders were issued in 1980 while only three control orders were amended or extended in that year. Forty-three Ministerial Orders were scheduled to be completed during 1980. Ministerial Orders are public documents and may be examined at MOE Regional Offices.

A total of 111 charges under the Environmental Protection Act, 1971, the Water Resources Act and the Pesticides Act were before the courts during the period, April 1, 1980 through March 31, 1981. The highest fine levied in 1980 was $19,500 against Inco Ltd.

An estimated $140 million in capital expenditures were to be spent on air and water pollution abatement devices in 1980 by industrial establishments. The value of water and air pollution control projects approved for the basic iron and steel industry totalled $57.9 million in 1980 while the pulp and paper industry planned to spend $25 million on water pollution control.

Construction of drainage facilities, water treatment plants, water pumping and distribution systems, sewers and sewage treatment facilities financed by public agencies in Ontario totalled about $670 million in 1980 or about 5% of the total value (in current dollars) of all new and repair construction that occurred in the Province. This represents modest growth in expenditure but a decline in actual construction activity after allowance is made for inflation.

The direct operation and maintenance expenditures for sewage and water treatment plants and solid waste collection and disposal in Ontario amounted to $665.5 million during the fiscal year, April 1, 1979 – March 31, 1980. Nearly all of these expenditures were incurred by local government agencies. The provincial government spent $65.7 million during that same period on pollution control and environmental protection programs, up from $59.7 million during the previous fiscal year. Total expenditures for environmental programs and construction by the provincial government amounted to about 2% of the total provincial government expenditure.

In addition to the amounts presented in these Tables, financial resources are expended to operate and maintain existing private treatment facilities, to haul and dispose of liquid industrial wastes and sludges, conduct research and to offset noise around airports and near highways. Substantial sums are also spent on the development, installation and maintenance of vehicle exhaust emission controls. These data have yet to be compiled.

)efinitions

ir pollution Index – A series of numbers expressing the relative levels of air pollution and taking into consideration one or more air contaminants. In Ontario, the air pollution index is derived from measures of sulphur dioxide and particulate matter.

mbient Quality – The quality of the natural air, water or land as measured by concentration of contaminants.

Acidic Precipitation – Precipitation for which the acidity, as measured by pH, is less than 5.6, the natural pH of precipitation, caused, in large part, by the man made emissions of sulphur and nitrogen oxides into the atmosphere.

Bright Sunshine — The number of hours during which sunlight can be concentrated by a lens to scorch a card.

Carbon Monoxide — A colourless, odourless and toxic gas arising primarily from incomplete combustion of carbonaceous fuels.

Certificate of Approval – By authority of The Environmental Protection Act, 1971 and the Ontario Water Resources Act, all persons and companies must obtain a certificate of approval before constructing or installing any structures or equipment that will cause contaminants to the environment or alter the rate of such emissions.

Coefficient of Haze – The difference in the transmittance of light through clean filter paper and paper which has had outside air drawn through it. Air pollutants reduce the transmittance of light through the filter.

Control Order — By authority of Section 70 of the Environmental Protection Act, 1971, an MOE Regional Director may issue an order that directs a company, municipality or individual to stop polluting air, land or water or to undertake specified pollution abatement activities.

Criteria – As referred to in Regulation 872 of the Environmental Protection Act, 1971, the maximum acceptable concentration of the contaminant in community air over a specified sampling time period. These criteria are not legally binding, but provide guidance for the design of air pollution control devices and emission sources.

Degree Days – The sum of the daily differences between 18°C and the average daily temperature (when temperature is less than 18°C) for a given time period – e.g. a month or a year. This measure is used to calculate the heating requirements of buildings.

Environment

The Environmental Assessment Act, 1975, of Ontario defines environment as:

(i) Air, land or water,

(ii) plant and animal life, including man,

(iii) the social economic and cultural conditions that influence the life of man or community,

(iv) any building, structure, machine or other device or thing made by man,

(v) any solid, liquid, gas, odour, heat, sound, vibration or radiation resulting directly or indirectly from the activities of man,

(vi) any part or combination of the foregoing and the interrelationships between any two or more of them, in or of Ontario.

Environmental Protection – Activities that prevent pollution and environmental damages in the future.

Five-day Biochemical Oxygen Demand (BOD.) — A measure representing the amount of dissolved oxygen that is required from water during the bacterial decay of organic pollutants. It is the difference in oxygen concentrations of a water sample after five days of incubation.

Hauled Industrial Wastes — Liquids and Sludges — wastes that may contain toxic or other troublesome or hazardous materials. Waste liquids may or may not contain water and are distinguished from large continuous flows of waste waters that are generated by many industrial establishments.

IJC – International Joint Commission: a body composed of the Federal governments of Canada and the U.S., U.S. states and the Province of Ontario set up to deal with environmental issues of mutual concern between Canada and the U.S.

Microgram – μg. 1 x 10^{6} or one millionth of a gram.

MNR – Ontario Ministry of Natural Resources

MOE – Ontario Ministry of the Environment.

Nitrogen Oxides — Compounds of nitrogen almost exclusively represented by nitric oxide (NO) and nitrogen dioxide (NO_2), which are generated by natural and technological sources. The concentrations of these two nitrogen oxides in rural areas are usually lower than in urban areas. Major emissions are from automobiles and power generating stations.

Particulates — This is the most visible of all air pollutants consisting of particles dispersed in the air in either solid or liquid phase. Particulate air pollution may originate from many sources such as power generation, incineration, space heating, transportation, solid waste disposal, manufacturing and commercial operations. Particulates above certain concentration levels may cause direct injury to respiratory systems. They also combine with gaseous pollutants to form mixtures of compounds having adverse effects on health.

Phytotoxicology – The science of damages to plants by environmental contaminants.

Pollution Abatement – Activities and programs aimed at stopping or treating existing pollution emissions, or otherwise resolving current environmental problems.

Primary Treatment Plant – The first step in domestic sewage treatment that involves the mechanical removal of floating and settleable solids.

Program Approval – By authority of Section 10 of The Ontario Environmental Protection Act, 1971, an MOE Regional Director may issue an official Ministry agreement to a voluntary pollution abatement program submitted by a person or a company.

Provincial Budgetary Expenditures – Provincial government expenditures that pay for staff salaries, purchase equipment and supplies and pay for travel and other expenses incurred by the operating Ministry.

Provincial Capital Expenditures or Disbursements – Expenditures made by the Provincial Government for the construction of sewage treatment plants, water treatment, resource recovery plants, roads and other capital structures.

Reactive Hydrocarbons – Non-methane, gas-phase hydrocarbons emitted into the atmosphere as contaminants by stationary sources such as petroleum refineries and by vehicular traffic. The latter is the chief source in urban areas. Hydrocarbons are significant due to their role in the development of photo-chemical smog, a combination of pollutants consisting mainly of ozone, which has an adverse affect on vegetation and health.

Requirement and Direction – By authority of Section 69 of the *Ontario Water Resources Act*, an MOE Regional Director may issue an order that directs a company or individual to stop polluting the water and/or undertake specified pollution abatement activities.

Secondary Sewage Treatment Plant – Sewage treatment processes that involve the biological decomposition of dissolved and suspended organic materials. Processes consist of bubbling air or oxygen through the waste water to accelerate biological activity.

Sewage Sludge – Semi-liquid waste with a solids concentration in excess of 2,500 parts per million that results from sewage treatment processes.

Soiling Index – A measure of particulate matter expressed as the coefficient of haze (COH).

Standard – An numerical objective, stated either as an emission loading or the concentration of a contaminent in the ambient environment, specified in a statute or a Regulation. Violation of a Standard could result in a prosecution.

Sulphur Oxides – Compounds of sulphur that result from combustion, the primary being sulphur dioxide (SO_2) Sulphur dioxide contributes to the formation of sulphate particles and the acidification of rain.

Suspended Solids – A mixture of fine, nonsettling particles of any solids, usually organic, within water. One of the main measures of water pollution.

Total Precipitation – For any given month the total precipitation is obtained by adding the rainfall and the water equivalent of the snowfall for that month. Since 1960, some stations have been equipped with snow gauges in order to obtain the actual water content, while at other stations the water content has been estimated to be one tenth of the depth of the snowfall. Therefore, at some stations, mean total precipitation will be equal to the sum of the mean rainfall and one tenth of the mean snowfall, and at other stations it will depart slightly from that value.

Watershed — A watershed or drainage basin is an area in which all water falling any place in it will conceivably flow to a single point. Watershed boundaries are defined by the heights of land and constitute ecological, as opposed to political, geographical units. The actual number of watersheds are aggregated at various levels. The Great Lakes, for instance, constitute a single watershed or drainage basin.



Map 1.A Ontario Major Drainage Basins

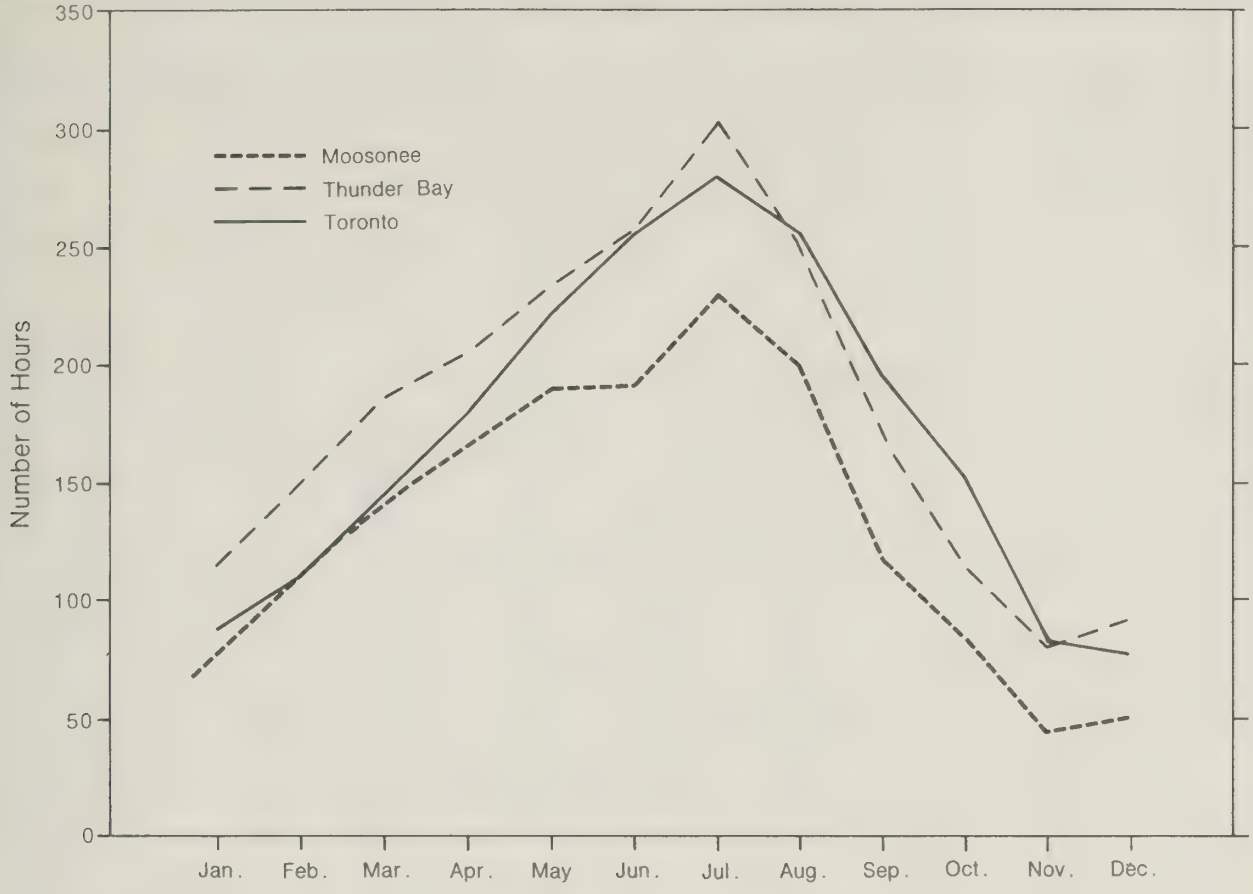
— — — Ministry of Environment Regions

——— Drainage Basin Area Boundaries

Source: Ministry of Treasury and Economics
Central Statistical Services based on data from the Ministry of Environment

Graph 1.B

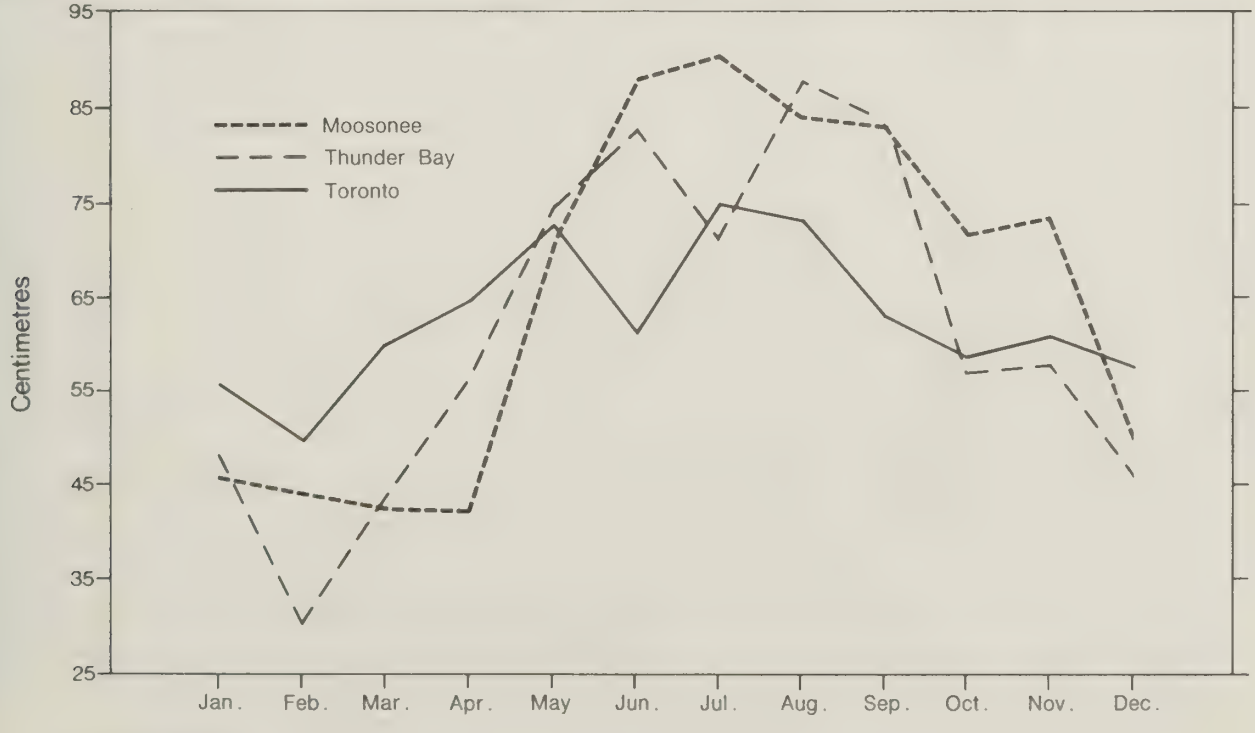
Number of Hours of Bright Sunshine by Selected Centre, Ontario



Refer to Table 1.2.

Graph 1.C

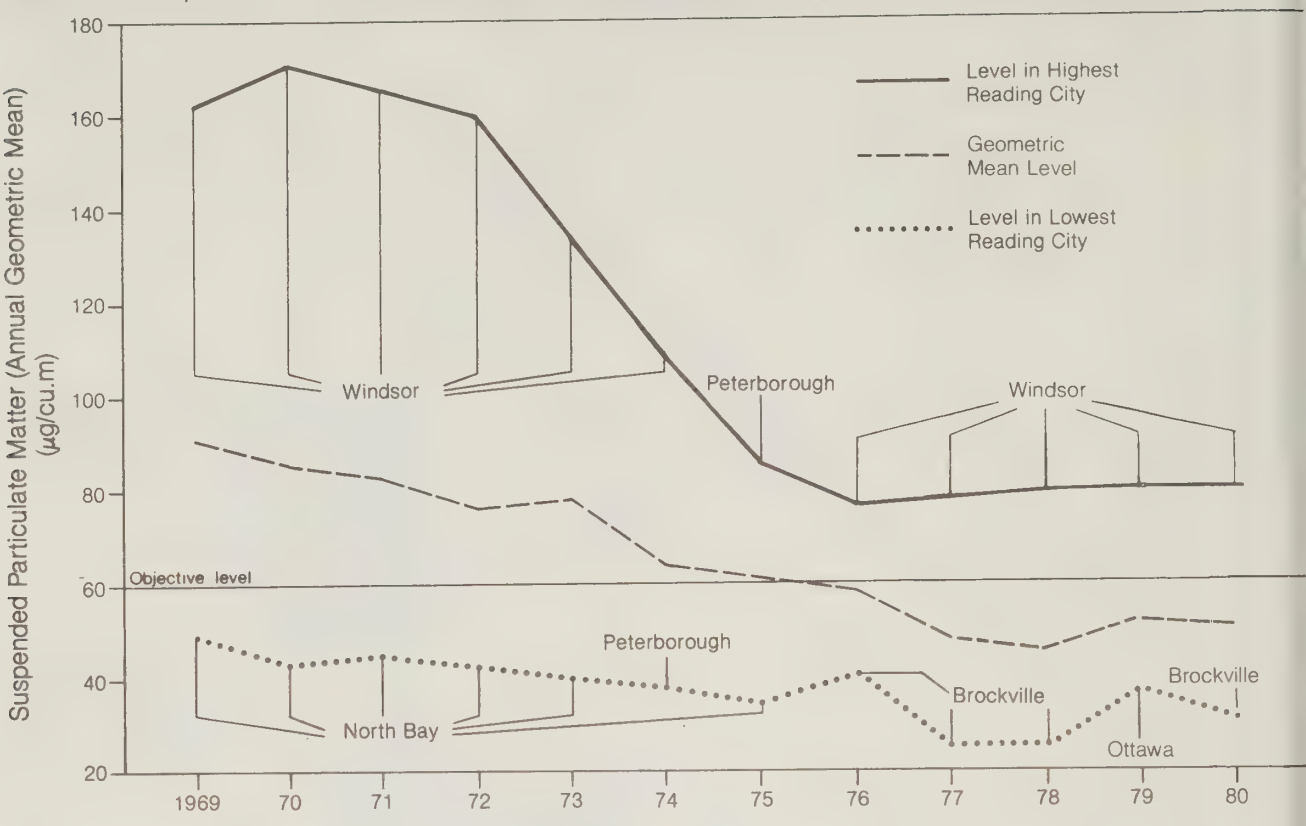
Mean Total Precipitation by Selected Centre, Ontario



Refer to Table 1.2

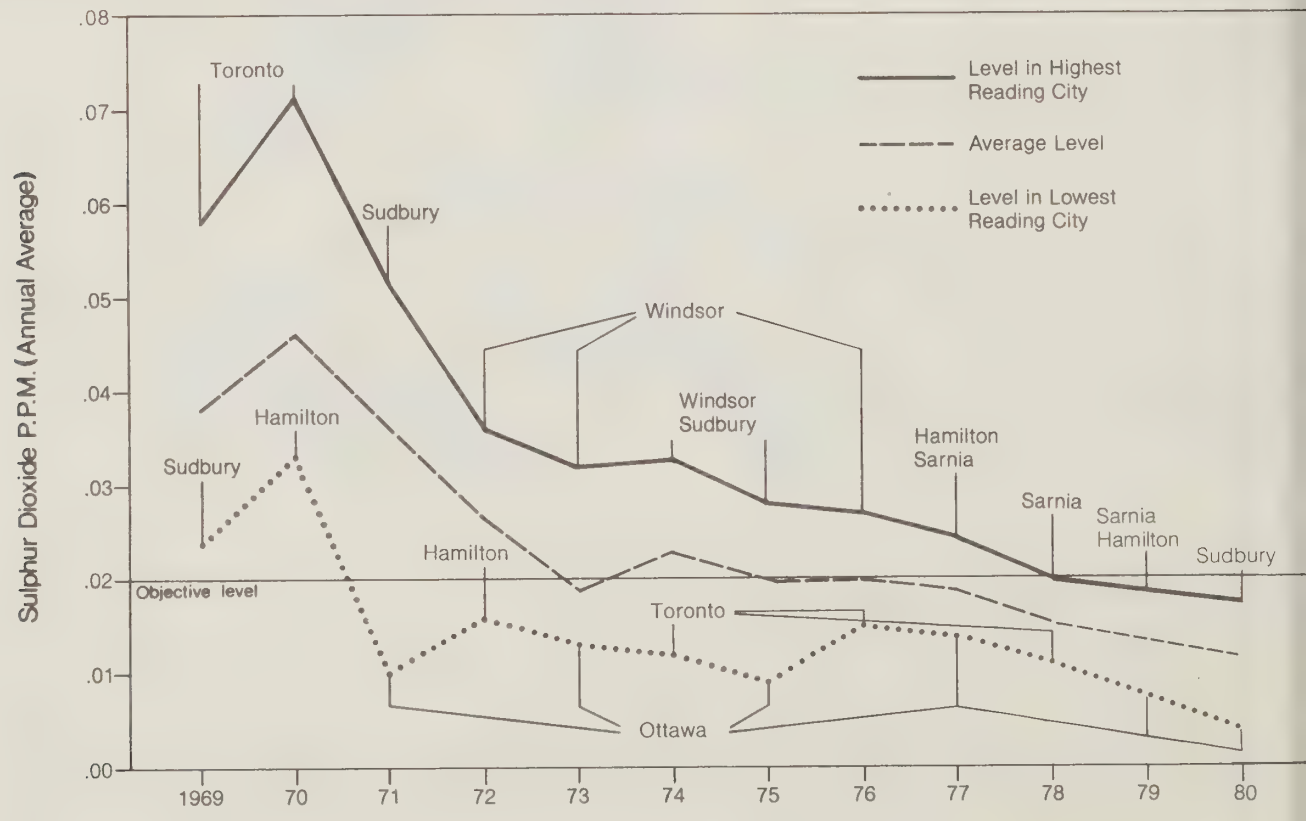
Graph 1.D

Trends in Suspended Particulate Matter, by Selected City, Ontario, 1969 – 1980



Graph 1.E

Sulphur Dioxide Levels, by Selected City, Ontario, 1969 – 1980



able 1.1

elected Statistics, Ontario and Shared Watersheds[1], 1971

Watershed Name	Watershed Area[2]	Population	Population Density	Total Dwellings	Number of Farms	Total Farmland	Industrial Establishments[4]	Total Number of Employees[4]
	'000's Hectares	'000's	Persons/ sq km	'000's		'000's Hectares		
tlantic Basin								
St. Lawrence River								
W. St. Lawrence	602	245.0	273.0	68.9	4,009	299.3	..	..
Quebec Part	102	64.0	419.8	16.8	1,030	59.8	..	..
Ontario Part	500	181.0	242.7	52.1	2,979	239.6	..	..
Ottawa River	15,016	1,178.2	52.6	321.2	17,035	1,577.8	..	..
Lower Ottawa	5,656	802.2	95.1	222.2	10,508	867.7	..	..
Quebec Part	4,698	323.0	46.1	82.8	3,218	312.3	..	..
Ontario Part	958	479.2	335.4	139.3	7,290	555.4	..	..
Upper Ottawa	9,360	376.0	26.9	99.0	6,527	710.2	..	..
Quebec Part	5,168	94.4	12.2	22.7	2,004	203.1	..	..
Ontario Part	4,192	281.6	46.1	76.3	4,523	507.0	..	..
Lake Ontario	3,179	3,981.5	840.2	1,167.6	21,012	1,258.4	7,680	363,449
Belleville	809	159.7	132.3	45.6	3,767	329.2	146	7,986
Trent System	1,346	193.8	96.6	56.9	5,808	453.7	275	11,635
Oshawa-Colborne	125	173.2	925.1	49.5	1,681	97.3	212	21,273
Toronto[3]	312	2,434.5	5,241.4	721.8	2,425	124.9	5,663	221,500
Hamilton[3]	258	630.5	1,639.7	181.6	2,375	106.2	834	65,715
Niagara Peninsula	329	389.8	796.2	112.2	4,956	147.0	550	35,340
Erie and Lake St. Clair	2,551	1,472.3	386.9	431.0	32,544	1,811.9	2,504	151,031
Grand River	777	489.9	422.9	141.2	9,232	519.3	1,046	63,874
Erie Shoreline	773	462.6	401.4	133.9	10,493	510.4	671	44,027
Thames River	600	426.0	476.0	127.7	8,316	490.0	646	35,894
Sydenham River	401	93.8	156.7	28.2	4,503	292.1	141	7,236
Lake Huron	9,466	966.3	68.4	267.2	24,937	1,906.0	1,171	57,457
South Huron	1,624	259.2	107.0	76.2	15,784	1,146.4	432	16,350
Georgian Bay-Lake Simcoe	2,250	321.9	95.8	92.6	7,287	501.2	384	15,792
North Huron	5,591	385.3	46.1	98.4	1,866	258.5	242	17,856
Lake Superior	8,022	150.3	12.7	42.3	461	44.9	113	7,459
udson Bay and Ungava Basin								
South and Southwest	87,116	227.7	1.8	53.8	1,423	159.1	..	..
Quebec Part	17,337	105.2	4.1	23.4	1,082	118.4	..	..
Ontario Part	58,733	117.8	1.3	29.7	341	40.7	..	..
Manitoba Part	11,046	4.7	0.3	0.7	-	-	..	..
Lake Winnipeg	18,385	114.4	4.1	30.4	3,568	580.1	..	..
Lake of the Woods (Ont.)	11,394	73.1	4.4	19.7	632	95.5	..	..
Lake Winnipeg Shoreline (Man.)	6,991	41.3	3.9	10.7	2,936	484.6	..	..
tal Ontario	98,995	7,703.1	7.8	2,225.2	94,719	6,459.0	..	..

Detailed definitions of the watersheds were developed by the Office of the Senior Advisor on Integration, S.C. Initial discussion of definitions may be found in SC, Catalogue 11-509E, *Human Activity and the Environment.*

Watershed areas are estimates for all land and water area except for the Great Lakes. See definitions.

These "watersheds" are designed to encompass major urban areas and may, in fact, consist of a number of small watersheds.

Number of industrial establishments and total number of employees are 1973 figures.

urce: SC, *Human Activity and the Environment,* Catalogue 11-509E.

Table 1.2
Mean Monthly Temperature, Degree Days[1], Precipitation and Number of Hours of Bright Sunshine[2], by Selected Centre, Ontario

Station and Element[3]	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code[4]
London Airport	(Latitude 43 02 N Longitude 81 09 W Elevation 278 m ASL[5])													
Temperature	−6.0	−5.6	−0.7	6.6	12.3	18.2	20.5	19.7	15.7	9.9	3.1	−3.6	7.5	1
Degree Days	745.8	667.6	581.5	341.8	183.1	48.4	11.9	21.6	97.8	251.3	446.3	669.5	4,066.6	1
Bright Sunshine	69	96	128	170	233	243	274	253	177	153	73	61	1,930	2
Rainfall	31.2	27.7	46.2	70.9	74.7	81.0	81.3	73.4	78.7	72.1	57.4	42.7	737.3	1
Snowfall	49.0	40.9	26.9	7.6	0.5	-	-	-	-	2.3	26.7	47.2	201.1	1
Total precipitation	76.2	65.3	71.9	78.2	74.9	81.0	81.3	73.4	78.7	74.2	82.8	86.6	924.5	1
Moosonee	(Latitude 51 16 N Longitude 80 39 W Elevation 10.4 m ASL[5])													
Temperature	−20.2	−18.1	−11.9	−2.3	5.4	11.8	15.5	14.4	10.0	4.7	−4.3	−15.3	−0.9	1
Degree Days	1,183.1	1,019.6	928.4	608.4	392.0	200.4	106.0	129.7	244.2	413.9	673.7	1,031.7	6,931.1	1
Bright Sunshine	77	108	142	165	189	192	233	201	119	86	43	49	1,604	2
Rainfall	1.8	1.5	6.4	19.3	58.9	87.1	90.4	84.1	82.8	58.7	22.1	5.3	518.4	1
Snowfall	46.2	43.9	37.6	23.4	11.7	0.8	-	-	0.3	13.2	52.8	46.5	276.4	1
Total precipitation	45.7	44.2	42.4	42.2	70.4	87.9	90.4	84.1	83.1	71.6	73.4	50.0	785.4	1
Ottawa-International Airport	(Latitude 45 19 N Longitude 75 40 W Elevation 126 m ASL[5])													
Temperature	−10.9	−9.5	−3.1	5.6	12.4	18.2	20.7	19.3	14.6	8.7	1.4	−7.7	5.8	1
Degree Days	898.8	778.1	653.9	371.4	181.3	44.4	10.0	27.5	122.9	289.9	499.3	796.2	4,673.8	1
Bright Sunshine[6]	96	115	150	175	231	245	277	243	171	138	76	78	1,995	1
Rainfall	14.0	11.2	25.9	58.4	68.8	72.6	81.3	81.5	78.7	63.8	56.6	28.7	641.5	1
Snowfall	48.5	47.8	35.1	7.9	0.8	-	-	-	Trace	1.8	22.4	51.6	215.9	1
Total precipitation	59.9	56.9	61.0	67.6	70.1	72.6	81.3	81.5	78.7	65.8	78.5	77.0	850.9	1
Sudbury	(Latitude 46 29 N Longitude 80 59 W Elevation 259 m ASL[5])													
Temperature	−12.2	−10.3	−4.8	4.0	11.4	17.2	19.7	18.3	13.8	8.1	0.5	−7.7	4.8	4
Degree Days	981.7	859.5	752.4	451.9	255.4	86.5	33.0	58.9	176.1	348.1	571.9	870.9	5,446.3	4
Bright Sunshine[7]	97	130	158	188	231	246	267	226	158	115	59	70	1,945	3
Rainfall	4.8	5.1	21.1	46.7	61.7	72.6	68.8	74.2	93.5	70.4	47.5	11.9	578.3	8
Snowfall	39.6	35.1	29.2	8.9	1.0	-	-	-	Trace	1.8	22.9	40.9	179.4	8
Total precipitation	44.5	40.1	50.3	55.6	62.7	72.6	68.8	74.2	93.5	72.1	70.4	52.8	757.6	8

Mean Monthly Temperature, Degree Days[1], Precipitation and Number of Hours of Bright Sunshine[2], by Selected Centre, Ontario

Station and Element[3]	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code[4]
Thunder Bay Airport	(Latitude 48 22 N Longitude 89 19 W Elevation 196 m ASL[3])													
Temperature	−14.8	−13.0	−6.2	2.4	8.3	13.8	17.5	16.5	11.3	6.1	−2.5	−10.8	2.4	2
Degree Days	1,016.8	876.5	749.4	469.3	301.0	130.8	46.5	70.8	203.9	370.5	616.1	892.6	5,744.2	2
Bright Sunshine	116	149	185	205	235	258	302	251	173	116	80	92	2,162	2
Rainfall	1.3	1.5	10.4	36.6	70.4	82.8	71.1	87.9	83.3	53.3	27.9	6.1	532.6	2
Snowfall	51.6	31.0	35.3	20.1	4.3	-	-	-	Trace	3.6	30.7	45.5	222.1	2
Total precipitation	48.0	30.2	43.7	56.4	74.7	82.8	71.1	87.9	83.6	56.9	57.2	46.0	738.5	2
Timmins Airport	(Latitude 48 34 N Longitude 81 22 W Elevation 294 m ASL[5])													
Temperature	−16.9	−14.8	−8.6	1.3	8.7	14.7	17.4	15.7	10.9	5.4	−3.5	−13.1	1.4	8
Degree Days	1,089.6	944.4	823.8	502.1	298.5	123.8	63.4	98.0	224.5	395.5	646.9	977.1	6,187.6	4
Bright Sunshine[8]	76	104	143	165	190	215	233	203	122	92	40	52	1,635	1
Rainfall	2.8	0.8	9.1	27.7	65.5	86.6	88.1	99.8	88.6	56.9	29.2	4.6	559.7	4
Snowfall	63.2	57.4	47.0	19.3	4.8	0.3	-	-	0.8	12.4	72.1	69.6	346.9	4
Total precipitation	55.4	49.5	49.5	45.7	69.9	86.9	88.1	99.8	89.4	68.3	90.4	63.0	855.9	4
Toronto International Airport	(Latitude 43 41 N Longitude 79 38 W Elevation 176 m ASL[5])													
Temperature	−6.3	−5.8	−0.9	6.4	12.2	18.2	20.7	20.0	15.7	9.8	3.4	−3.5	7.5	1
Degree Days	693.8	620.3	552.5	350.1	211.5	54.6	9.5	12.0	75.0	231.4	402.3	615.1	3,828.1	8
Bright Sunshine	87	110	145	179	221	256	281	257	197	153	82	77	2,045	1
Rainfall	22.9	19.6	37.3	57.2	72.4	61.2	74.9	73.2	63.2	58.2	50.8	31.0	621.9	1
Snowfall	35.1	30.0	22.1	6.9	Trace	-	-	-	-	0.8	10.7	27.9	133.5	1
Total precipitation	55.6	49.5	59.9	64.5	72.6	61.2	74.9	73.2	63.2	58.7	61.0	57.7	752.0	1

1) Degree Days = $\sum$(18°C − average daily temperature); where negative values are omitted.
2) Monthly long-term averages.
3) Units; temperature in deg C, rainfall in mm, snowfall in cm, total precipitation in mm, bright sunshine in hours.
4) Code numbers which indicates the number of years of records used to compute the means of temperature, precipitation and bright sunshine.
   code = 1: 30 years between 1941 and 1970;
   code = 2: 25 to 29 years between 1941 and 1970;
   code = 3: 20 to 24 years between 1941 and 1970;
   code = 4: 15 to 19 years between 1941 and 1970;
   code = 5: less than 10 years between 1941 and 1970;
   code = 8: adjusted.
5) ASL = above sea level.
6) Sunshine observations from Ottawa CDA.
7) Sunshine observations from North Bay Airport.
8) Sunshine observations from Kapuskasing CDA.

Source Fisheries and Environment Canada; Atmospheric Environment, *Degree Days 1941–1970.*
Ministry of Natural Resources

Table 1.3
Emissions and Discharges
Inventoried Air Pollution Emissions[1], Ontario, 1977-1979.

	Sulphur Oxides[2]	Particulate Matter	Nitrogen Oxides[3]	Carbon Monoxide	Hydr Carbon
		'000's of metric tonnes/year			
1977	2,074	129	411	3,597	51
1978	1,351	151	418	3,746	53
1979	1,314	123	428	4,062	57

1) Includes only man-made measurable sources.
2) Expressed as sulphur dioxide.
3) Expressed as nitrogen dioxide.

Source: Ministry of the Environment, Air Quality and Meteorology Section, Air Resources Branch.

Table 1.4
Emissions and Discharges
Air Pollution Emissions by Sources[1], Hamilton and Metropolitan Toronto, 1976-1979

Source Type		Sulphur Dioxide	Particulate Matter	Nitrogen Oxides	Carbon Monoxide	Hydro-Carbons
		'000's of metric tonnes/year				
Hamilton						
Electric Generating Stations	1976	. . .	. . .	. . .	. . .	. . .
	1977	. . .	. . .	. . .	. . .	. . .
	1978	. . .	. . .	. . .	. . .	. . .
	1979	.	.	. . .	. .	. .
Municipal Incinerators	1976	. . .	. . .	. . .	. . .	. . .
	1977	. . .	. . .	. . .	. . .	. . .
	1978	. . .	. . .	. . .	. . .	. . .
	1979	. . .	. . .	. . .	. . .	. . .
Industrial Sources	1976	34.6	11.0	34.4	18.0	18.2
	1977	36.5	11.8	34.6	18.6	19.2
	1978	22.0	9.7	15.6	18.4	11.5
	1979	20.8	10.2	15.2	17.8	11.4
Motor Vehicles	1976	0.7	0.5	7.6	55.7	7.2
	1977	0.6	0.6	7.2	68.2	7.7
	1978	0.6	0.8	9.0	77.7	9.6
	1979	0.6	0.8	9.0	77.7	9.6
Other Transportation	1976	0.4	0.1	1.9	2.8	1.0
	1977	0.4	0.1	1.9	2.8	1.0
	1978	0.4	0.1	1.9	2.8	1.0
	1979	0.3	0.1	1.9	2.8	1.0
Heating	1976	5.9	1.1	3.0	0.3	0.2
	1977	4.3	0.8	2.0	0.2	0.1
	1978	4.3	0.8	2.0	0.2	0.1
	1979	4.0	0.8	1.7	0.3	0.1
Total	1976	41.6	12.9	47.0	76.9	26.6
	1977	41.8	13.5	45.8	89.9	28.6
	1978	27.4	11.6	28.6	99.2	22.3
	1979	25.9	11.9	28.2	98.6	22.2

Table 1.4 (cont'd)
Emissions and Discharges
Air Pollution Emissions by Sources[1], Hamilton and Metropolitan Toronto, 1976-1979

Source Type		Sulphur Dioxide	Particulate Matter	Nitrogen Oxides	Carbon Monoxide	Hydro Carbons
		'000's of metric tonnes/year				
Metropolitan Toronto						
Electric Generating Stations	1976	90.4	1.3	30.9	1.3	0.3
	1977	110.3	1.6	31.35	1.6	0.4
	1978	92.9	1.5	24.9	1.5	0.1
	1979	101.5	1.7	27.15	1.5	0.1
Municipal Incinerators	1976	0.2	3.9	0.4	1.0	0.1
	1977	0.4	4.1	0.6	4.4	0.1
	1978	0.3	2.9	0.5	4.1	0.0
	1979	0.3	2.9	0.5	4.1	0.0
Industrial Sources	1976	7.2	4.4	8.9	1.4	18.4
	1977	15.5	5.4	10.8	1.8	26.9
	1978	29.3	5.8	11.8	1.7	32.1
	1979	31.3	6.7	13.1	1.8	32.1
Motor Vehicles	1976	1.5	2.3	31.7	325.9	46.6
	1977	0.8	3.1	28.7	356.0	45.4
	1978	1.2	4.4	42.0	444.6	61.8
	1979	1.2	4.5	42.8	449.6	62.7
Other Transportation	1976	0.7	1.2	1.7	1.3	5.4
	1977	0.7	0.7	2.6	3.7	2.2
	1978	0.7	0.8	2.6	3.7	2.2
	1979	0.7	0.7	2.6	3.7	2.2
Heating	1976	21.2	4.2	11.9	1.1	1.0
	1977	23.8	4.7	12.4	1.9	1.2
	1978	26.2	5.0	14.0	2.0	1.2
	1979	26.2	5.0	14.0	2.0	1.2
Total	1976	121.2	17.9	85.9	332.8	72.1
	1977	151.6	20.3	86.9	370.1	76.5
	1978	150.7	21.1	96.2	458.3	97.7
	1979	161.3	22.2	100.6	463.1	98.6

1) Includes only man-made, measurable sources.

Source: Ministry of the Environment, Air Resources Branch.

Table 1.5

Emissions and Discharges

Major Sources of Sulphur Dioxide Emissions in Ontario — Annual Emissions, 1970-1979

Source/Location	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
					metric tonnes/year					
Inco Sudbury	1,991,290	1,867,915	1,518,645	1,185,705	1,215,640	1,198,405	1,191,145	1,136,985	625,055[1]	442,985[1]
Lambton Generating Station (G.S.) Sarnia	. .	154,610	157,885	118,850	125,785	89,445	95,815	126,270	130,970	160,250
Nanticoke, G.S. Nanticoke	. .	11	7,205	50,665	53,065	135,280	144,855	145,515	183,870	155,080
Algoma Steel Wawa	170,645[2]	. .	. .	. .	. .	. .	. .	170,870	166,875	135,445
Lakeview G.S. Mississauga	. .	185,845	148,150	97,695	102,450	78,945	90,820	105,300	89,220	91,345
Falconbridge Sudbury	339,110	362,245	323,050	274,245	257,460	195,320	191,325	219,180	130,910[3]	88,090[3]
Algoma Steel Sault Ste. Marie	. .	. .	. .	. .	18,130	. .	. .	15,790	16,760	26,160
Imperial Oil Sarnia	55,790	52,145	32,660	23,225	18,595	16,375	25,945	24,565	28,850	24,175
Stelco Hamilton	18,600	14,215	13,620	10,500	15,690	14,410	17,235	17,280	16,905	15,325
Shell Oil Sarnia	19,830	26,980	25,040	16,195	16,175	12,200	14,025	12,880	12,340	14,245
Hearn G.S. Toronto	. .	33,005	14,620	10,745	6,580	415	2,360	8,470	3,640	10,190
Thunder Bay G.S. Thunder Bay	. .	4,645	3,345	6,420	3,155	455	1,550	9,570	6,695	10,035
Lennox G.S. Bath	. .	. .	. .	. .	30	6,225	32,030	18,690	21,295	10,010

1) 9-month strike during 1978-79.
2) 1968-70 Annual average emissions.
3) Production was cut back during 1978-79.

Source: Ministry of the Environment, Air Resources Branch.

Table 1.6
Emissions and Discharges
Hauled Industrial Waste, Liquids and Sludges, Quantities Generated by Category, Ontario 1978 to 1980.

	1978[1]	1979[2]	1980
		'000's litres	
Inorganic Wastes			
Acids	15,355.6	18,457.2	21,046.8
Alkalis	23,389.5	7,937.3	9,653.8
Metal Finishing Wastes	4,230	12,944.3	5,440.3
Cyanides	211.4	189.6	284.1
Chemical Fertilizer Wastes	. . .	2,914.4	1,583.4
Phosphates	421.4	1,191.1	1,228.6
Other Inorganics	. . .	32,170.2	21,650.6
Total	43,587.9	75,804.1	60,887.6
Organic Wastes			
Oily Water	101,660.5	66,107.9	76,858.8
Waste Oils	16,794.8	11,264.1	10,974.0
Organic Solvents	14,526.9	12,907.0	16,317.5
Chlorinated Solvents	. . .	435.5	426.1
Plastic Resins	9,618.7	4,997.4	7,656.1
Amines	1,320.2	1,269.2	1,578.2
Glycols	1,017.8	1,916.6	1,347.4
Phenols	29,443.1	2,289.8	790.4
PCB's	175.9	66.4	32.4
Plant and Animal Wastes	6,622.5	12,816.1	11,132.6
Other	161.0	18,143.1	12,113.1
Total	181,341.4	132,213.1	139,226.6
Miscellaneous			
Pigments, Paint, Printing and Adhesives	10,280.1	14,475.8	7,798.6
Pesticides	4,509.5	981.9	1,022.9
Detergents, Cleaners and Soaps	. . .	1,827.5	1,209.8
Pharmaceuticals and Cosmetics	83.2	100.0	11.7
Inert Sludges	7,149.8	50,437.4	34,408.6
Unspecified	3,565.8	3,973.2	–
Total	25,588.4	71,795.8	44,451.6
Total	250,517.7	279,813.0	244,565.8

1) Estimated for Calendar Year, 1978
2) January 1, 1979 — December 31, 1979
3) August 1, 1979 — July 31, 1980

Source: Ministry of the Environment, Waste Management Branch.

Table 1.7
Emissions and Discharges
Annual Contaminant Loadings to Ontario Watercourses from Selected Source Sections, 1978-1981

	1978	1979	1980	1981
			metric tonnes	
Suspended Solids Discharges	1,313,068	1,335,258	1,300,027	1,282,528
Municipal Sewage Treatment Plants[2]				38,425
Primary Treatment	12,880	13,085	13,350	. .
Secondary Treatment	22,131	22,485	22,930	. .
Lagoons	1,487	1,510	1,540	. .
Combined Sewer Overflows	17,000	17,000	17,000	17,000
Urban Runoff	67,000	67,000	67,000	67,000
Agricultural Runoff	1,084,000	1,084,000	1,084,000	1,084,000
Industrial Sources	108,588	130,178	94,207	76,103
Bio-Chemical Oxygen Demand	327,089	331,500	311,834	310,654
Municipal Sewage Treatment Plants[2]				33,945
Primary Treatment	15,419	15,665	15,980	. .
Secondary Treatment	16,053	16,300	16,630	. .
Lagoons	768	780	800	. .
Combined Sewer Overflows	3,700	3,700	3,700	3,700
Urban Runoff	5,500	5,500	5,500	5,500
Agricultural Runoff[3]	. .	. .	. .	. .
Industrial Sources	285,649	289,555	269,224	267,509
Phosphorus	5,116	5,140	5,182	5,225
Municipal Sewage Treatment Plants[2]				1,955
Primary Treatment	425	430	440	. .
Secondary Treatment	1,342	1,340	1,390	. .
Lagoons	79	80	82	. .
Combined Sewer Overflows	130	130	130	130
Urban Runoff	140	140	140	140
Agricultural Runoff	3,000	3,000	3,000	3,000
Industrial Sources	. .	. .	. .	. .

1) Municipal Sewage Treatment plant data from MOE records. Loading estimates from other sources are calculated from Pollution from Land Use Activities Reference Group (PLUARG).
2) 1980 Municipal Treatment plant loading were calculated by applying a 1.2% growth factor to 1979 loadings. 1980 loadings were increased by the same amount to estimate 1981 loadings.
3) Not measured in PLUARG Studies.

Source: Ontario Ministry of the Environment, *Management by Results – Report on 1981-82* Plans, February, 1981, pp. 26-27, 42-73.

Table 1.8
Environmental Objectives
Ontario Ambient Air Quality Criteria[1]

Name of Contaminant	Unit of Measurement	Average Amount of Concentration or Total Amount of Contaminant	Period of Time	Approximate Equivalent at 10°C and 760 mm Hg pressure
Arsenic	Micrograms of Arsenic per cubic metre of air	25	24 hours	. . .
Cadmium	Micrograms of cadmium per cubic metre of air	2.0	24 hours	. . .
Carbon Monoxide	Parts of carbon monoxide per one million parts of air by volume	30 13	1 hour 8 hours	36,200 ug/m³ 15,700 ug/m³
Dustfall	Tons of dustfall per square mile per month	20 Total 13	30 days 1 year	. . .
Fluorides (Gaseous) April 15 to October 15	Parts of fluorides per billion parts of air by volume (Expressed as HF)	1.0 0.4	24 hours 30 days	0.86 ug/m³ 0.34 ug/m³
Total Fluorides (Gaseous and Particulate) April 15 to October 15	Parts of fluorides per one billion parts of air by volume (Expressed as HF)	2.0 0.8	24 hours 30 days	1.72 ug/m³ 0.69 ug/m³
Total Fluorides (Gaseous and Particulate) October 16 to April 14	Parts of fluorides per one billion parts of air by volume (Expressed as HF)	4.0 1.6	24 hours 30 days	3.44 ug/m³ 1.38 ug/m³
Fluorides in Forage for Consumption by Livestock	Parts of total fluorides per one million parts forage (dry weight)	35	Individual Sample	. . . . . .
Fluoridation (total) April 15 to October 15	Micrograms of total fluorides collected by 100 sq. centimetres of limed filter paper	40	30 days	. . .
Fluoridation (total) October 16 to April 14	Micrograms of total fluorides collected by 100 sq. of limed filter paper	80	30 days	. . .
Hydrogen Sulphide	Parts of hydrogen sulphide per one million parts of air by volume	0.02	1 hour	30 ug/m³
Lead	Micrograms of lead per cubic metre of air	5.0 2.0 geometric mean	24 hours 30 days	. . .
Mercaptans	Parts of mercaptans per one million parts of air by volume (Expressed as methyl mercaptan)	0.01	1 hour	20 ug/m³
Mercury	Micrograms of mercury per cubic metre of air	2.0	24 hours	. . .

Table 1.8 (cont'd.)
Environmental Objectives
Ontario Ambient Air Quality Criteria[1]

Name of Contaminant	Unit of Measurement	Average Amount of Concentration or Total Amount of Contaminant	Period of Time	Approximate Equivalent at 10°C and 760 mm Hg pressure
Nickel	Micrograms of Nickel per cubic metre of air	2.0	24 hours	. . .
Nitrogen Dioxide	Parts of nitrogen dioxide per one million parts of air by volume	0.20 0.10	1 hour 24 hours	400 ug/m³ 200 ug/m³
Oxidants (total)	Parts of total oxidants per one million parts of air by volume	0.10	1 hour	. . .
Ozone	Parts of ozone per one million parts of air by volume	0.08	1 hour	165 ug/m³
Soiling	Coefficient of Haze per 1,000 feet of air	1.0 0.5	24 hours 1 year	. . .
Sulphation	Milligrams of sulphur trioxide per 100 sq. cm. of exposed lead peroxide per day	0.7	30 days	
Sulphur Dioxide	Parts of sulphur dioxide per one million parts of air by volume	0.25 0.02	1 hour 1 year	690 ug/m³ 55 ug/m³
Suspended Particulate Matter	Micrograms of suspended particulate matter per cubic metre of air	120 60 geometric mean	24 hours 1 year	. . .
Vanadium	Micrograms of vanadium per cubic metre of air	2.0	24 hours	. . .

1) The desirable ambient air quality criteria for each contaminent set out in Column 1 of the Schedule is that amount of concentration or total amount of contaminant set out opposite thereto in Column 3 of the Schedule in the unit of measurement set out opposite thereto in Column 2 of the Schedule for the time set out opposite thereto in Column 4 of the Schedule. O. Reg. 872/74, s. 1.

Source: Ontario Regulation 872/74, The Environmental Protection Act, 1971.

Table 1.9
Ambient Quality Conditions
Ontario's Air Pollution Index[1], 1970-1980

Year	City	Date Index Started or Closed	Number of Occasions		Maximum Recorded[4]	Date of Maximum
			API = 32[2] or more	API = 50[3] or more		
1970	Toronto	Mar. 23	17	2	56	Oct. 8
	Hamilton	Jun. 15	2	1	56	Oct. 8
1971	Toronto		19	1	52	Apr. 13
	Hamilton		23	–	48	Oct. 21
	Sudbury	Jan. 16	26	3	87	Dec. 11
	Windsor	Mar. 19	2	–	33	Nov.10
	Happy Valley	May 13	20	7	64	Nov. 21
1972	Toronto		2	–	45	Feb. 13
	Hamilton		6	–	41	Feb. 13
	Sudbury		7	1	79	June 12
	Windsor		9	1	53	Jan. 29
	Happy Valley		20	11	139	Mar. 23
1973	Toronto		3	–	43	Oct. 24
	Hamilton		2	–	34	Feb. 14
	Sudbury		–	–	26	Mar. 14
	Windsor		7	–	44	Feb. 19
	Happy Valley		19	10	94	Aug. 21
1974	Toronto		3	1	50	Oct. 29
	Hamilton		11	–	44	Oct. 29
	Sudbury		1	–	32	July 13
	Windsor		2	–	41	Jan. 7
	Happy Valley		24	13	116	Apr. 23
	Welland	Jan. 1	46	15	77	Oct. 6
	Niagara Falls	Nov. 1	–	–	20	Nov. 9
1975	Happy Valley	(closed Jan.)				
	Toronto		2	1	62	Nov. 20
	Hamilton		10	–	38	Oct. 24
	Sudbury		–	–	30	Feb. 1
	Windsor		–	–	28	Feb. 11
	Welland		–	–	23	Jan. 24
	Niagara Falls		–	–	21	Nov. 24
	Coniston	Feb. 18	–	–	30	May 13
1976	Toronto		1	–	33	Oct. 3
	Hamilton		8	–	41	Dec. 16
	Sudbury		–	–	28	June 6
	Windsor		1	–	34	Dec. 16
	Welland		–	–	24	Dec. 16
	Niagara Falls		–	–	25	Feb. 21
	Coniston		–	–	29	Sept. 16
	New Sudbury	Mar. 1	–	–	29	Apr. 2, 3 June 20

Table 1.9 (cont'd.)
Ambient Quality Conditions
Ontario's Air Pollution Index[1], 1970-1980

Year	City	Date Index Started or Closed	Number of Occasions		Maximum Recorded[4]	Date of Maximum
			API = 32[2] or more	API = 50[3] or more		
1977	Toronto		4	–	36	Jan. 15
	Hamilton		10	–	44	Mar. 12
	Sudbury		–	–	24	June 11
	Windsor (12008)[5]		1	–	33	Apr. 19
	Windsor (12016)[5]		–	–	29	Apr. 19
	Welland		–	–	22	Jan. 24
	Niagara Falls		–	–	28	Feb. 21
	Coniston		–	–	25	Apr. 25
	New Sudbury		1	–	39	June 11
	Sarnia	Dec. 1	–	–	15	Dec. 13
1978	Toronto		1	–	45	Nov. 5
	Hamilton		7	–	43	Nov. 4
	Sudbury		–	–	31	Jan. 22
	Windsor (12008)[5]		1	–	33	Apr. 19
	Windsor (12016)[5]		–	–	28	Feb. 18
	Welland	(closed Oct.)	–	–	24	Mar. 15
	Niagara Falls		–	–	23	Nov. 4
	Coniston		3	–	34	Feb. 7
	New Sudbury		1	–	42	Feb. 2
	Sarnia		3	–	41	Jan. 24
1979	Toronto		2	–	35	Oct. 18
	Hamilton		23	1	55	Dec. 22
	Sudbury		–	–	18	July 7
	Windsor (12008)[5]		–	–	31	Feb. 20
	Windsor (12016)[5]		–	–	27	Feb. 21
	Niagara Falls		–	–	27	Feb. 21
	Coniston		–	–	31	Feb. 14
	New Sudbury		–	–	28	Feb. 14
	Sarnia		2	–	43	Feb. 20
	St. Catharines		–	–	29	Nov. 6
1980	Toronto		–	–	31	Dec. 8
	Hamilton		4	–	40	Oct. 16
	Sudbury		–	–	23	Oct. 16
	Windsor (12008)[5]		–	–	25	Feb. 8, 9
	Windsor (12016)[5]		–	–	25	Dec. 29
	Niagara Falls		–	–	18	May 24
	Coniston		–	–	30	Feb. 10, Mar. 9
	New Sudbury		–	–	24	Jul. 3, Oct. 16
	Sarnia		1	–	39	Mar. 20
	St. Catharines		–	–	28	Feb. 20

1 The Air Pollution Index (API) is a value that is derived from an equation. The equation specifies the API value as a function of the 24-hour average concentrations of sulfur dioxide and the Coefficient of Haze (a measure of suspended particulate matter). See "Fact Sheet" "About Ontario's Air Pollution Index", No. AFS6-6/78, by the Ontario Ministry of the Environment. Available from the Information Services Branch.

2 API = 32 is the "Advisory Level". At this level and if weather conditions are expected to remain adverse for at least 6 more hours, owners of significant sources of pollution in the community may be *advised* to curtail operations.

3 API = 50 is the "First Alert" level. At this level and if weather conditions are expected to remain adverse for at least 6 more hours, owners of major pollution sources may be *ordered* to curtail operations.

4 API No. 75 is the "Second Alert" level. Further curtailments of other pollution sources may be *ordered* to stop operations.
API = 100 is the "Air Pollution Episode Threshold Level". If weather conditions are expected to maintain this level for 6 or more hours, owners of all pollution sources not essential to public health or safety will be *ordered* to cease operations.

5 Denotes specific air quality sampling station.

Source: Ministry of the Environment, Air Resources Branch.

Table 1.10
Ambient Quality Conditions
Number of Times Ambient Air Quality Criteria[1] were Exceeded, 1975-1980

City	Pollutant	1975 Hours 1	1975 Hours 8	1975 Hours 24	1975 1 Yr	1976 Hours 1	1976 Hours 8	1976 Hours 24	1976 1 Yr	1977 Hours 1	1977 Hours 8	1977 Hours 24	1977 1 Yr	1978 Hours 1	1978 Hours 8	1978 Hours 24	1978 1 Yr	1979 Hours 1	1979 Hours 8	1979 Hours 24	1979 1 Yr	1980 Hours 1	1980 Hours 8	1980 Hours 24	1980 1 Yr
Hamilton	Sulphur Dioxide	–		–	–	–		–	1	–		–	1	1		–	–	–		–	–	–		–	–
	Soiling Index			30	1			29	1			24	–			26	1			55	1			20	1
	Carbon Monoxide	–	–			–	–			–	–			–	–			–	–			–	–		
	Total Suspended Particulate			111	1			117	1			107				84	1			109	1				
	Total Oxidants and Ozone	317				95				15				71				32				24			
	Nitrogen Dioxide	–		–		–		–		–		–		–		3		–		–		–		–	
Ottawa	Sulphur Dioxide	–		–	–	–		–	–	–		–	–	–		–	–	–		–	–	–		–	–
	Soiling Index			–	–			–	–			–	–			–	–			–	–			–	–
	Carbon Monoxide	–	–			–	–			–	–			–	–			–	–			–	–		
	Total Suspended Particulate			1	–			–	–			–				–	–			–	–				
	Total Oxidants and Ozone	85				10				17				66				8				3			
	Nitrogen Dioxide	–		–		–		–		–		–		–		–		–		–		–		–	
Thunder Bay	Sulphur Dioxide	–		–	–	–		–	–	–		–	–	–		–	–	–		–	–	–		–	–
	Soiling Index			–	–			–	–			–	–			–	–			–	–			–	–
	Carbon Monoxide																								
	Total Suspended Particulate																								
	Total Oxidants and Ozone																								
	Nitrogen Dioxide																								

Ambient Quality Conditions
Number of Times Ambient Air Quality Criteria[1] were Exceeded, 1975-1980

City	Pollutant	1975 Hours 1	1975 Hours 8	1975 Hours 24	1975 1 Yr	1976 Hours 1	1976 Hours 8	1976 Hours 24	1976 1 Yr	1977 Hours 1	1977 Hours 8	1977 Hours 24	1977 1 Yr	1978 Hours 1	1978 Hours 8	1978 Hours 24	1978 1 Yr	1979 Hours 1	1979 Hours 8	1979 Hours 24	1979 1 Yr	1980 Hours 1	1980 Hours 8	1980 Hours 24	1980 1 Yr
Sudbury	Sulphur Dioxide	52	7	1		47	–	–		25	–	–		22	1	–		7	–	–		19	–	–	
	Soiling Index		–	–			–	–			–	–			–	–			–	–			–	–	
	Carbon Monoxide	–	–			–	–			–	–			–	–			–	–			–	–		
	Total Suspended Particulate		–	–			–	–			–	–			1	–			1	–					
	Total Oxidants and Ozone	13								18				44				23				–			
	Nitrogen Dioxide	–	–			–	–			–	–			–	–			–	–			–	–		
City of Toronto	Sulphur Dioxide	–	–	–		–	–	–		–	–	–		–	–	–		–	–	–		–	–	–	
	Soiling Index		8	–			2	–			7				4	–			3	–			1	–	
	Carbon Monoxide	–	–			–	–			–	–			–	–			–	–			–	–		
	Total Suspended Particulate		36	1			36	1			37				38	–			38	1					
	Total Oxidants and Ozone	397				100				31				99				92				40			
	Nitrogen Dioxide	3	1			–	–			–	–			–	–			–	–			–	–		
Windsor	Sulphur Dioxide	2	2	1		5	1	1		–	–	1		–	–	–		–	–	–		–	–	–	
	Soiling Index		5	–			6	–			8				11	1			–	–			3	–	
	Carbon Monoxide	–	3			–	–			–				–	–			–	–			–	–		
	Total Suspended Particulate		17	1			20	1			13				6	1			10	1					
	Total Oxidants and Ozone	169				209				258				201				62				149			
	Nitrogen Dioxide	–	–			–	–			–	–			1	–			–	–			–	–		

1) See Table 1.8 for the specific ambient air quality criteria

Source: Ministry of the Environment, Air Resources Branch.

Table 1.11
Environmental Effects
Results of MOE-MNR Sport Fish Contaminant Testing Program[1], 1977-1981

	1977[r]	1978[r]	1979[r]	1980	1981
Cumulative Number of Fish Tested	. .	31,000	43,000	54,000	62,000
Total Number of Inland Waterbodies Tested					
Northern Ontario	93	24	366	522	599
Southern Ontario	51	137	177	245	298
Total Number of Locations Tested on Great Lakes	23	63	82	114	139
Summary of Results					
Number of locations where one or more species tested were suitable for unrestricted consumption					
Northern Ontario	83	219	344	480	548
Southern Ontario	44	127	167	232	281
Great Lakes	22	58	77	114	133
Number of locations where no sizes of any species tested were suitable for unrestricted consumption					
Northern Ontario	10	21	20	40	49
Southern Ontario	7	10	10	13	17
Great Lakes	1	5	5	7	6
Number of locations where no fish of any species were found to be suitable for consumption					
Northern Ontario	–	1	2	2	2
Southern Ontario	–	–	–	–	–
Great Lakes	–	–	–	–	–

1) As part of a co-operative program of the two Ministries, game fish from selected waterbodies are analysed for mercury, PCB, mirex, DDT and a range of organo-chlorine pesticides. Results are reported monthly by Environmental Health Bulletins and annually by the issuing of detailed bilingual Guides to Eating Ontario Sport Fish.

Sources: Ontario Government, *Health Implications of Contaminants in Fish, 1977,* Toronto.
Ontario Government, *Guide to Eating Ontario Sport Fish, 1973,* 3 Vols. (Ministries of the Environment and Natural Resources, 1978, 1979, 1980, and 1981.)

Table 1.12
Pollution Abatement and Environmental Protection Activities
Sewage Treatment Plants in Ontario, 1975-1980

Year	Total Treatment Works		Ministry of the Environment Operated Plants		Municipality Operated Plants	
	Number	Design Capacity	Number	Design Capacity	Number	Design Capacity
		'000's of cubic metres/day				
1975	310	4,372.5	181	1,215.1	129	3,157.3
1976	337	4,692.5	196	1,294.2	141	3,398.8
1977	340	4,938.9	201	1,374.3	139	3,564.7
1978	351	4,981.1	208	1,304.8	143	3,676.3
1979	359	5,196.4	211	1,243.6	147	3,952.8
1980[1]	362	5,494.7	221	1,438.6	141	4,056.1

Table 1.12 (cont'd.)

Year	Lagoons, Aerated Cells & Oxidation Ditches		Primary Treatment		Secondary Treatment	
	Number	Design Capacity	Number	Design Capacity	Number	Design Capacity
			'000's of cubic metres/day			
1975	111	135.9	44	1,015.7	155	3,221.0
1976	129	158.8	39	958.2	169	3,576.0
1977	133	175.9	39	1,061.3	168	3,701.7
1978	140	191.0	39	1,063.3	172	3,726.9
1979	146	188.2	38	1,083.3	175	3,924.9
1980[1]	151	192.5	38	1,083.3	173	4,218.9

1) Estimated

Source: Ministry of the Environment, *Water and Sewage Treatment Works in Ontario*, (annual), Toronto, Pollution Control Branch.

Table 1.13
Pollution Abatement and Environmental Protection Activities
Water Supply Treatment Plants in Ontario, 1975-1980

Year	Total Treatment Works		Ministry of the Environment Operated Works		Municipally Operated Works	
	Number	Design Capacity	Number	Design Capacity	Number	Design Capacity
		'000's of cubic metres/day				
1975	401	7,729.6	78	931.8	323	6,797.8
1976	410	8,464.0	74	1,098.4	336	7,365.6
1977	420	8,551.8	80	1,129.1	340	7,422.7
1978	427	8,882.2	87	1,417.3	340	7,464.9
1979	426	8,967.1	89	1,440.6	337	7,526.5
1980[2]	430	8,981.0	93	1,446.0	337	7,535.0

Table 1.13 (cont'd.)

Year	Plants Obtaining Water from Ground Water Sources			
	No Treatment[1]		Physical and/or Chemical Treatment	
	Number	Design Capacity	Number	Design Capacity
		'000's of cubic metres/day		
1975	158	657.9	49	454.7
1976	153	705.4	65	525.2
1977	153	688.3	67	519.6
1978	154	731.0	65	517.0
1979	149	760.9	67	469.9
1980[2]	151	771.4	68	470.6

Table 1.13 (cont'd.)

Year	Plants Obtaining Water from Surface Water Sources			
	No Treatment[1]		Physical and/or Chemical Treatment	
	Number	Design Capacity	Number	Design Capacity
		'000's of cubic metres/day		
1975	75	818.1	119	5,799.0
1976	74	1,052.6	118	6,180.8
1977	74	999.7	126	6,344.2
1978	73	969.2	135	6,665.0
1979	71	854.7	139	6,881.5
1980[2]	71	855.0	140	6,884.0

1) No Treatment except disinfection with chlorine.
2) Estimated

Source: Ministry of the Environment, *Water Sewage Treatment Works in Ontario (Annual), Pollution Control Branch.*

Solid and Industrial Waste Disposal Sites and Collection Systems Under the Ontario Certificate of Approval Program[1], 1977-1980

Waste Disposal Sites	1977 New Sites Approved	1977 Sites Closed	1977 Sites Active as of Dec. 31	1978 New Sites Approved	1978 Sites Closed	1978 Sites Active as of Dec. 31	1979 New Sites Approved	1979 Sites Closed	1979 Sites Active as of Dec. 31	1980 New Sites Approved	1980 Sites Closed	1980 Sites Active as of Dec. 31
Municipal, Private, and Industrial Waste Disposal Sites	72	49	1,529	75	30	1,574	79	57	1,596	22	101	1,517
Sites Receiving Processed Organic Waste (treated sewage sludge)	125	47	185	140	35	290	125	33	382	69	15	436
Sites Receiving Derelict Motor Vehicles[2]	24	4	374	33	2	405	13	—	418	. . .	. . .	. . .

Table 1.14 (cont'd)

Collection Systems	1977 New Systems Approved	1977 Systems Closed	1977 Systems Active as of Dec. 31	1978 New Systems Approved	1978 Systems Closed	1978 Systems Active as of Dec. 31	1979 New Systems Approved	1979 Systems Closed	1979 Systems Active as of Dec. 31	1980 New Systems Approved	1980 Systems Closed	1980 Systems Active as of Dec. 31
Municipal, Private, and Industrial Waste Haulers	76	88	1,019	68	29	1,058	104	71	1,091	75	77	1,089
Haulers who carry Processed Organic Waste (Treated sewage sludge)	35	18	57	35	10	82	17	7	92	10	7	95

1) All disposal sites and collection systems must have Certificates of Approval to be active. A number of sites were in operation prior to this program. Many of these were never issued Certificates of Approval and have been closed.

2) As of 1980 M.O.E. no longer approves Derelect Motor Vehicle Sites.

Source: Ministry of the Environment, Administrative Support Section, Environmental Approvals Branch.

Table 1.15
Pollution Abatement and Environmental Protection Activities
Hauled Industrial Waste, Liquids and Sludges, Mode of Disposal, August 1979 to July 1980.

	Total	Incineration	Chemical Treatment	Landfill	Export
			(millions of litres)		
Inorganics	60.9	8.3	27.9	12.8	11.9
Acids & Alkalis	30.7	1.4	19.7	4.1	5.5
Metal Finishing Wastes Cyanides Chemical Fertilizers Phosphates Other Inorganics	30.2	6.9	8.2	8.7	6.4
Organics	139.2	58.9	20.6	56.5	3.2
Oily Water & Waste Oils	87.8	37.3	11.4	35.9	3.2
Organic & Chlorinated Solvents Plastic Resins Amines & Glycols Phenols & PCB's	28.2	16.6	5.6	6.0	.0
Plant & Animal Wastes Other Organics	23.2	5.0	3.6	14.6	.0
Miscellaneous	44.5	5.5	1.9	36.6	.5
Pigments, Paint, Printing & Adhesives Pesticides Detergents, Cleaners, Soap Pharmaceutical & Cosmetics Inert Sludges	44.5	5.5	1.9	36.6	.5
Total	244.6	72.7	50.4	105.9	15.

Source: Ministry of the Environment, Waste Management Branch

Table 1.16

Pollution Abatement and Environmental Protection Activities
Ministerial Orders and Program Approvals Issued to Municipalities, Companies and Individuals Under Authority of the Ontario Water Resources Act and the Ontario Environmental Protection Act (1971), 1976-1980

Year	MOE Region[3]	Number of New Orders Issued[1]			Number of Orders Amended or Extended			Total of New & Previously Existing Orders			Number of Orders with Final Deadline in Year[2]		
		CO[4]	R&D[5]	PA[6]	CO	R&D	PA	CO	R&D	PA	CO	R&D	PA
1976	W.C.	–	–	–	1	–	–	1	–	–	–	–	–
	S.E.	3	1	–	1	–	–	5	1	–	–	–	–
	C.	2	1	1	–	–	1	5	2	–	1	–	–
	S.W.	–	–	–	1	–	–	1	–	–	–	–	–
	N.E.	–	–	–	–	–	–	4	–	–	–	–	–
	N.W.	–	–	1	–	–	–	2	–	4	–	–	–
	Total	5	2	2	3	–	1	18	3	4	1	–	–
1977	W.C.	4	1	3	1	–	–	7	1	3	1	–	–
	S.E.	4	–	–	–	–	–	5	1	–	2	1	–
	C.	5	1	3	–	–	1	4	1	7	–	–	–
	S.W.	–	–	–	–	–	–	1	–	–	–	–	–
	N.E.	8	2	–	1	–	–	11	2	–	–	–	–
	N.W.	3	2	–	2	–	2	5	2	4	–	–	–
	Total	24	6	6	4	–	3	33	7	14	3	1	–
1978	W.C.	2	–	3	2	–	–	9	1	6	1	–	2
	S.E.	2	–	–	–	–	–	7	–	–	1	–	–
	C.	6	2	–	–	1	–	7	2	3	–	2	3
	S.W.	2	2	3	1	–	–	1	2	3	–	1	1
	N.E.	7	3	–	2	–	–	12	4	–	2	1	–
	N.W.	1	–	–	–	–	–	6	2	4	1	–	3
	Total	20	7	6	5	1	–	42	11	16	5	4	9
1979	W.C.	7	–	–	6	–	1	11	1	4	5	–	1
	S.E.	7	1	–	2	–	–	16	3	–	3	1	–
	C.	13	1	–	4	–	1	17	2	3	8	1	–
	S.W.	4	–	–	–	–	–	8	2	1	3	–	–
	N.E.	27	1	–	1	1	–	32	4	–	11	1	–
	N.W.	8	–	–	3	1	–	12	2	–	3	–	–
	Total	66	3	–	16	2	2	96	14	8	33	3	1
1980	W.C.	5	–	–	–	–	–	10	–	5	6	1	2
	S.E.	1	2	–	–	–	–	14	3	–	2	2	–
	C.	5	1	–	1	–	–	14	2	3	7	–	–
	S.W.	3	–	–	–	–	–	6	2	1	3	–	–
	N.E.	17	–	–	2	–	–	26	2	–	18	–	–
	N.W.	6	–	–	–	–	–	12	1	–	2	–	–
	Total	37	3	–	3	–	–	82	10	9	38	3	2

More detailed breakdown of the various ministerial orders may be obtained from the Division of Regional Operations and Laboratories of the Ontario Ministry of the Environment.

Control Orders and other Ministerial Orders often have a number of different deadline dates for individual components of the programs. The number of orders that are supposed to terminate in each part year are listed. This does not necessarily mean that abatement programs have been completed. Refer to MOE regional offices for status of actual orders.

W.C. = West Central Region;
S.E. = Southeastern Region;
C. = Central Region;
S.W. = Southwestern Region;
N.E. = Northeastern Region;
N.W. = Northwestern Region.

CO = Control Order, Sect.6, Part IX, Ontario Environmental Protection Act, 1971 . Orders under Sect. 60 also included
R&D = Requirement and Direction, Sect.69, Ontario Water Resources Act
PA = Program Approval, Sect.10, Ontario Environmental Protection Act, 1971

Source: Ministry of the Environment, Regional Operations and Laboratories Division.

Table 1.17
Pollution Abatement and Environmental Protection Activities
Prosecutions by the Ontario Ministry of the Environment. 1977-1978 to 1980-81

	Prosecutions before the Courts during the Fiscal Year				Disposition of Cases During Fiscal Year				
Year	Under the Environmental Protection Act	Under the Ontario Water Resources Act	Under the Pesticides Act	Total	Convictions	Aquittals & Dismissals	Charges Withdrawn	Other[1]	Highest Fine
1977-78	43	17	9	69	41	4	3	21	$14,400. – York Sanitation (12 charges)
1978-79	55	9	7	71	32	4	2	33	$26,500. – York Sanitation (42 charges)
1979-80	77	18	10	105	46 (2 under appeal)	11 (3 under appeal)	2	46	$6,000. – Refluent Investments (5 charges)
1980-81	78	27	6	111	60 (2 under appeal)	16 (9 under appeal	8	27	$19,500- Inco Ltd.

1) Includes cases appealed by accused and cases appealed by the Ministry. Also includes stays of proceedings, trials which have not yet concluded and cases which have not yet come to trial but charges have been laid.

Source: Ministry of the Environment, Legal Services Branch
(For further details on individual cases, see the "Prosecution Activity" file in the Legal Services Branch.)

Pollution Abatement and Environmental Protection Activities
Estimated Capital Costs of Pollution Control Facilities for Industrial Sectors, Ontario[1], 1967-1980

Year	Basic Iron & Steel	Chemicals	Food	Metal Working Plating & Finishing	Mining & Metallurgy	Petroleum & Petro chemicals	Pulp and Paper	Service Industry	Miscellaneous Manufacturing[2]	Total Approvals
					$000's					
1967	1,469	1,112	219	–	2,064	813	778	–	4,372	10,827
1968	173	1,161	1,011	–	1,400	–	1,006	72	477	5,300
1969	531	2,276	1,960	–	958	–	5,686	273	3,397	15,080
1970	25	2,059	716	673	1,872	1,177	6,502	10,315	2,086	25,515
1971	12,983	3,837	824	528	13,301	2,084	6,519	2,043	785	42,904
1972	2,230	3,861	1,808	88	3,071	4,671	13,372	431	2,662	32,824
1973	3,804	867	41	101	37,101	3,489	5,323	559	1,267	52,558
1974	5,750	2,013	20	55	2,144	5,373	5,952	960	285	22,552
1975	4,849	11,941	223	256	5,812	6,025	3,434	693	633	31,136
1976	5,182	1,665	646	937	253	24,577	4,529	6,802	18	44,609
1977	350	9,010	980	43	2,386	10,742	16,537	1,140	44	41.231
1978										
Air	4,803	5,254	12,086	1,243	31,776	3,582	7,046	771	6,578	73,139
Water	5,420	17,090	122	75	10,941	60	3,578	2,058	2,936	42,279
1979										
Air	813	2,138	2,633	891	4,557	6	1,409	.[3]	13,441	25,888
Water	5,435	3,292	1,724	2,581	1,242	462	43,924	2,317	569	71,546
1980										
Air	43,227	5,329	2,309	1,139	5,742	3,655	6,628	336	15,938	84,303
Water	14,700	3,354	1,226	112	3,708	5,014	25,229	1,742	391	55,546

1) 1967-1977 estimates are for water pollution control costs only. 1978-1980 include estimates of both air and water pollution control capital costs. These are cost estimates provided by proponents on their applications for Certificates of Approval. Only cost estimates for pollution abatement facilities have been extracted for this compilation.
Proponents are not obliged to supply cost estimates and, in some cases, these data are omitted. Consequently, these figures represent the order of magnitude of private capital expenditure for pollution abatement but likely understate the actual amounts. All estimates are in current dollars unadjusted for inflation.
2) Includes Tanning and Rendering.
3) Included in Miscellaneous Manufacturing.

Source: Ministry of the Environment, Applications for Certificates of Approval, Industrial Approvals Section, Environment Approvals Branch.

Table 1.19
Pollution Abatement and Environmental Protection Activities
Expenditures by the Public Sector in Ontario, 1976-77 to 1980-81

	1976-77	1977-78	1978-79	1979-80	1980-81[p]
Capital Expenditures			$'000's		
Capital Construction–Water Sewage and Drainage Facilities					
Water Mains, Hydrants, Services	120,911	140,670	166,100	168,900	170,400
Water Treatment, Pumping Stations, Storage Tanks	46,615	53,687	43,500	41,700	44,600
Tile Drains, Drainage Ditches, Storm Sewers	125,558	151,065	162,000	184,300	192,100
Sewage Systems, Treatment Plants, Connections	270,014	245,480	255,400	261,200	263,400
Total	563,098	590,902	627,000	656,400	670,400
Capital Construction – Resource Recovery Plant	7,024	2,804	1,858	–	–
Total	570,122	593,706	628,858	656,400	670,400
Direct Operation and Maintenance Expenditures by the Public Sector for Water, Sewage and Solid Wastes Systems	557,223	567,373	609,169	655,554	. .
Expenditures for Environmental Protection Programs by the Ministries of the Provincial Government[2]	49,871	55,143	59,673	65,740	71,149
Total	1,177,215	1,216,222	1,297,700	1,377,394	. .

1) Fiscal year is April 1 to March 31. Capital Construction data are published on a calendar year basis. However, most of the construction actually takes place after March. Therefore, fiscal year 1974/75 is equivalent to calendar year 1974 and so on.

2) Ministry of the Environment Expenditures and also Ministry of Labour Expenditures in 1978-79 and 1979-80.

Sources: S.C., *Construction in Canada*, (64-201)
S.C., *Local Government Finance, Revenue and Expenditure Assets and Liabilities, Actual*. (68-204).

Pollution Abatement and Environmental Protection Activities
Ontario Ministry of the Environment Expenditure Composition, 1976-77 to 1980-81[1]

	1976-77		1977-78		1978-79		1979-80		1980-81	
	$000's	Per Cent of Total	$000's	Per Cent of Total	$000's	Per Cent of Total	$000's	Per Cent of Total	$000's	Per Cent of Total
Direct Capital Expenditures or Disbursements (Construction of sewage, water and solid waste treatment plants)	153,000	62.4	137,876	54.9	149,094	54.7	139,481	50.2	119,586	40.2
Capital Related Transfer Payments (towards cost of municipal and private plants)	17,044	6.9	25,669	10.2	30,563	11.2	36,051	13.0	62,883	21.1
Direct Operation and Maintenance of Ministry-Owned Plants	25,129	10.3	32,421	12.9	35,267	12.9	39,006	14.0	44,064	14.8
Sub-Total: Construction and Operation of sewage, water and waste treatment plants	195,173	79.6	195,966	78.0	214,924	78.8	214,538	77.2	226,533	76.1
General Administration	6,281	2.6	6,500	2.6	6,551	2.4	7,648	2.8	8,744	2.9
Assessment and Planning (includes Lottery Funds for R & D)	15,406 (–)	6.3	18,087 (708)	7.2	19,317 (1,911)	7.1	21,555 (2,628)	7.8	24,254 (1,811)	8.1
Waste Management	2,064	.8	4,091	1.6	5,508	2.0	6,029	2.2	7,078	2.4
Monitoring and Control	26,120	10.7	26,465	10.5	26,286	9.6	27,996	10.1	31,103	10.4
Sub-Total: Environmental Protection Programs	49,871	20.4	55,143	22.0	57,662	21.2	63,228	22.8	71,179	23.9
Total M.O.E. Expenditure:	245,044	100.0	251,109	100.0	272,586	100.0	277,766	100.0	297,712	100.0
Total Provincial Expenditure:	11,921,237		13,129,484		14,156,943		15,345,866		. .	
M.O.E. As a Per Cent of Provincial Expenditure:	2.1		1.9		1.9		1.8			

1) Fiscal Year is the Period April 1st to March 31st.

Source Ontario Public Accounts

Section
2

Population

Highlights

Population of Canada and Ontario – In 1980 Canada's population stood at an estimated 23.9 million, a 10.9 per cent increase over the 1971 Census population of 21.6 million. Ontario's 1980 population of 8.6 million represented 35.8 per cent of Canada's population and was an increase of 11.3 per cent over the 1971 Census population of 7.7 million. In 1979, 50.3 per cent of Canada's population was female, as compared to 50.6 per cent female in Ontario. In 1979, 57.4 per cent of the Ontario population was under the age of 30; the corresponding figure in 1956 was 50.8 per cent. 1976 population data reveal that 44.8 per cent of Ontario's population were never married, while 49.0 per cent were married.

There were 1.6 million persons aged 0–14 years in 1956 and 2.2 million persons in 1966, a 36.2 per cent increase. One of the highest levels reached for this age group was in 1968 with 2.2 million persons. This was followed by a drop of 12.1 per cent to the 1979 level of 2.0 million. Every other age group has demonstrated an increase through the 1971 to 1979 period: the group aged 15–24 has grown 17.9 per cent to 1.6 million; those aged 25–44 have grown 21.1 per cent to 2.4 million; the group aged 45–64 has increased 15.7 per cent to 1.7 million and the age group of 65 and over has shown a 26.2 per cent increase to 813,100 persons.

The major religious denomination in Ontario in 1971 was Roman Catholic with 33.4 per cent of the population; next came United with 21.8 per cent of the population; and then Anglican with 15.8 per cent.

Census Metropolitan Areas – The population of Toronto, Ottawa-Hull and Hamilton increased by 10.1 per cent, 19.2 per cent and 7.2 per cent respectively between 1971 and 1979. In 1951, 44.6 per cent of Toronto's population was located in the suburban portion; by 1976 this figure had increased to 77.4 per cent, representing an increase of 73.5 per cent. During the same period, the suburban portion of Ottawa-Hull increased from 35.2 per cent to 56.1 per cent, an increase of 59.4 per cent. Hamilton increased from 20.2 per cent to 41.1 per cent, an increase of 103.5 per cent for the same period.

Urban and Rural Population Distribution – The percentage of Ontario's population living in urban areas in 1951 was 73.4 per cent; by 1976 this had risen to 81.2 per cent. 75.4 per cent of Ontario's 1971 urban population were Canadian-born compared with 89.2 per cent of the 1971 rural population. In 1971, of the 1.7 million Ontario residents born in foreign countries, 91.5 per cent lived in urban areas. Of the total residents in Ontario in 1971, 6.7 per cent came from the United Kingdom, 3.3 per cent from Italy, 1.3 per cent from Germany, and 1.3 per cent from the United States.

Registered Indian Population – Ontario had 67,164 registered Indians in 1979 of whom 50.0 per cent were male. The increase in total registered Indians in Ontario from 1972 to 1979 was 16.9 per cent. In 1979 the majority of registered Indians in Ontario, 64.0 per cent, lived on reserves; 33.2 per cent lived away from reserves; and 2.7 per cent lived on crown lands.

Definitions

All figures for population are estimates, except those of the Census. Estimates for population are based on census year figures. For example, estimates after 1971 are based on the 1971 census population tabulations with births and immigrants added and deaths and emigrants deducted.

Language, Official – Refers to the ability to carry on a conversation of some length on various topics in either of the official languages of Canada (English and French).

Language Most Often Spoken at Home – Refers to the language spoken most frequently by the person in his home.

Mother Tongue – Refers to the first language learned that is still understood. Infants who have not yet learned to speak are considered to have as mother tongue the language most often spoken in the home.

Population (Canadian Residents) — Refers to the total number of persons whose usual place of residence at the census date (i.e., midnight between May 31 and June 1, of the particular Census year) was somewhere in Canada, including Canadian government employees and their families stationed abroad, members of Canadian Armed Forces and their families, stationed abroad and crews of Canadian merchant vessels. Not included are government representatives of other countries and their families attached to the legation, embassy, or other diplomatic body of that country, members of the Armed Forces of other countries stationed in Canada and members of their families who are not citizens of Canada, students attending school in Canada whose usual residence is outside Canada, and residents of another country visiting in Canada temporarily.

Population, Farm – All persons living in a dwelling situated on a census-farm (as defined in the census) were considered to be farm population, regardless of their occupation. In the case of institutions located on a census-farm, only the manager, hired agricultural workers and members of their households were included with this population. Persons living on census-farms that were located in cities, towns and villages were included with the census-farm population of the adjoining rural subdivision.

Population, Rural Farm – All persons living in dwellings situated on census-farms in rural areas. The rural farm population includes persons living on census-farms who are not connected with the farming operations and who derive their income from non-agricultural pursuits. Conversely, farm operators and their families who live elsewhere than on a census-farm are not included. A census-farm is any holding of one acre (0.405 hectare) or more with sales of agricultural products during the past 12 months of $1,200 or more.

Population, Rural Non-Farm – All persons living in rural localities in dwellings other than those situated on census-farms.

Population, Urban – The urban population includes all persons living in an area having a population concentration of 1,000 or over and a population density of 1,000 or more per square mile (386 per square kilometre).

Religion (religious denomination) – Refers to the specific religious body, denomination, sect or community reported in answer to the question "What is your religion?".

Respondents were asked to give a specific denomination, even if they did not attend a place of worship, although provision was made for marking "No religion" if the person considered this to be the appropriate answer. For infants and young children, the religion in which they were being raised was reported. Census figures do not measure church membership nor do they indicate the degree of affiliation with any religious body.

Rounding Methodology — For tabulations derived from the 1971 and 1976 Census of Population the random rounding technique was utilized. Every number in the 1971 and 1976 tabulation is a multiple of five, or all numbers in the table have as their final digit either 5 or 0. The technique provides strong protection against direct, residual or negative disclosures without adding significant error to the census data.

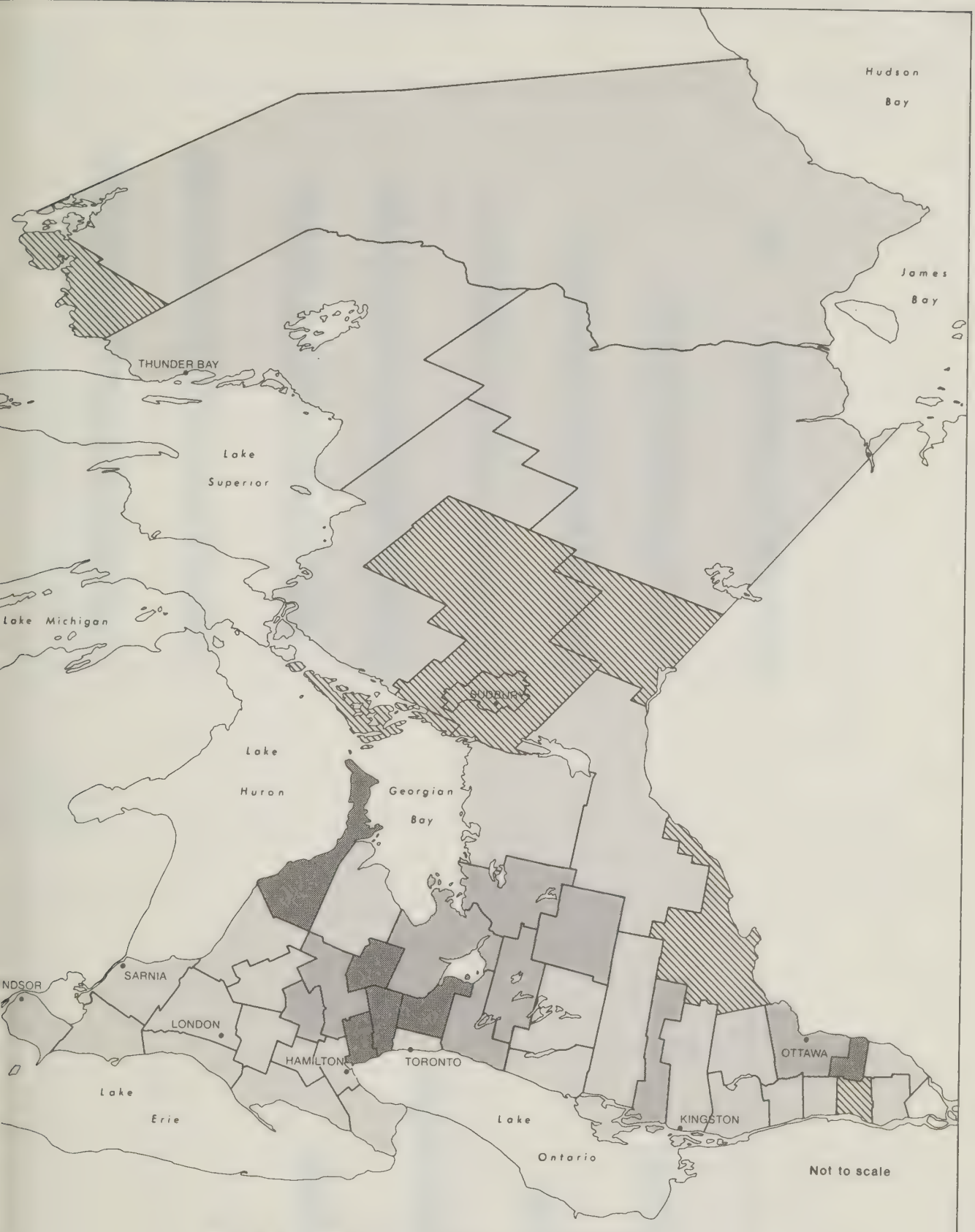
Census Metropolitan Area (CMA) – A geo-statistical area designed by Statistics Canada to identify a large (i.e. population greater than 100,000) and interrelated socio-economic community typically including a number o municipalities.

Census Agglomeration – A geo-statistical area designed by Statistics Canada to identify an urbanized area which is smaller than a CMA but also forming an interrelated socio-economic community, typically including number of municipalities.

County – A basic political and/or administrative division in Prince Edward Island, Quebec and Ontario. In Ontario there also exist a number of Regional Municipalities (i.e. Muskoka) and one Metropolitan Municipalit (York). These areas are treated as Counties.

Registered Indian – is a person who persuant to the Indian Act is registered as an Indian.

Enfranchisement of Registered Indian – A person with respect to whom an order for enfranchisement is made under the Indian Act shall from the date thereof or from the date of enfranchisement provided therein be deemed not to be an Indian within the meaning of the Indian Act.



Map 2.A Population Change[1], 1971-1976

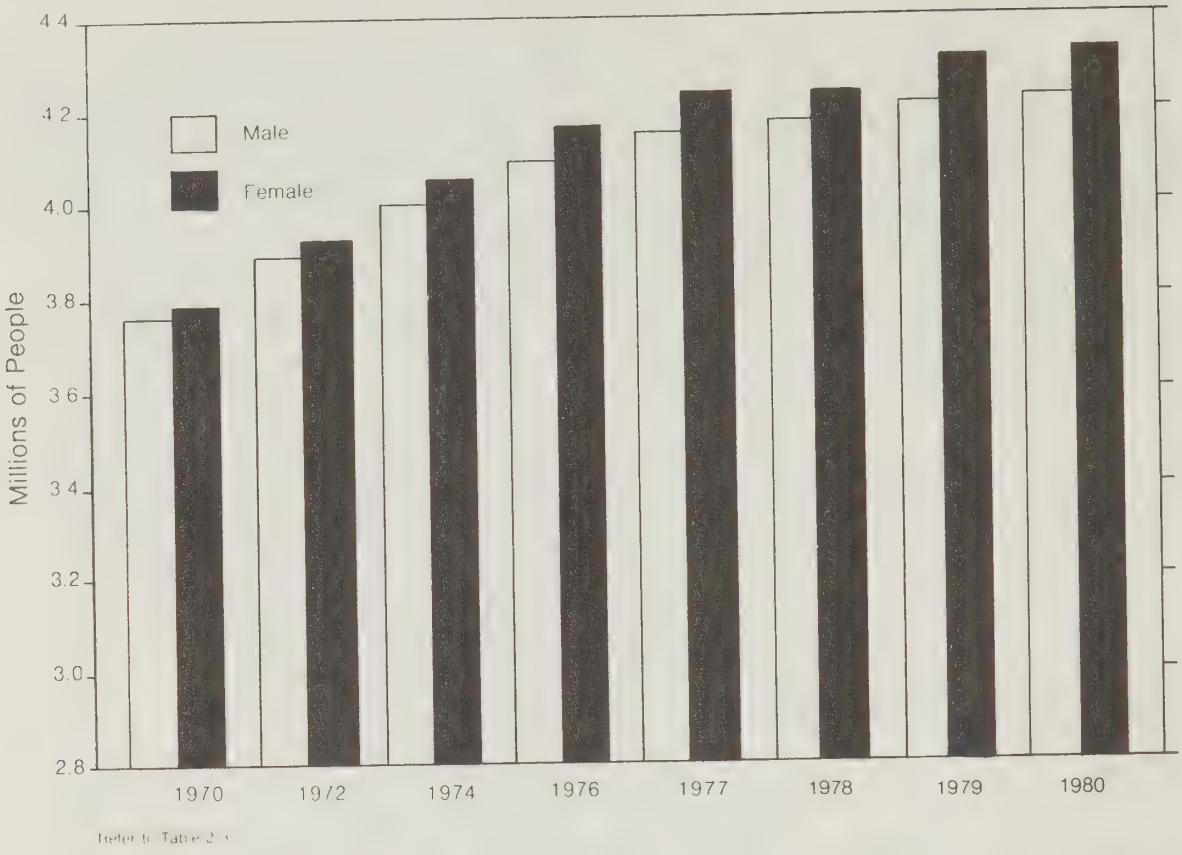
Percent

Decrease	
Increase	0 - 9.9
Increase	10 - 19.9
Increase	>19.9

[1]Census population by county

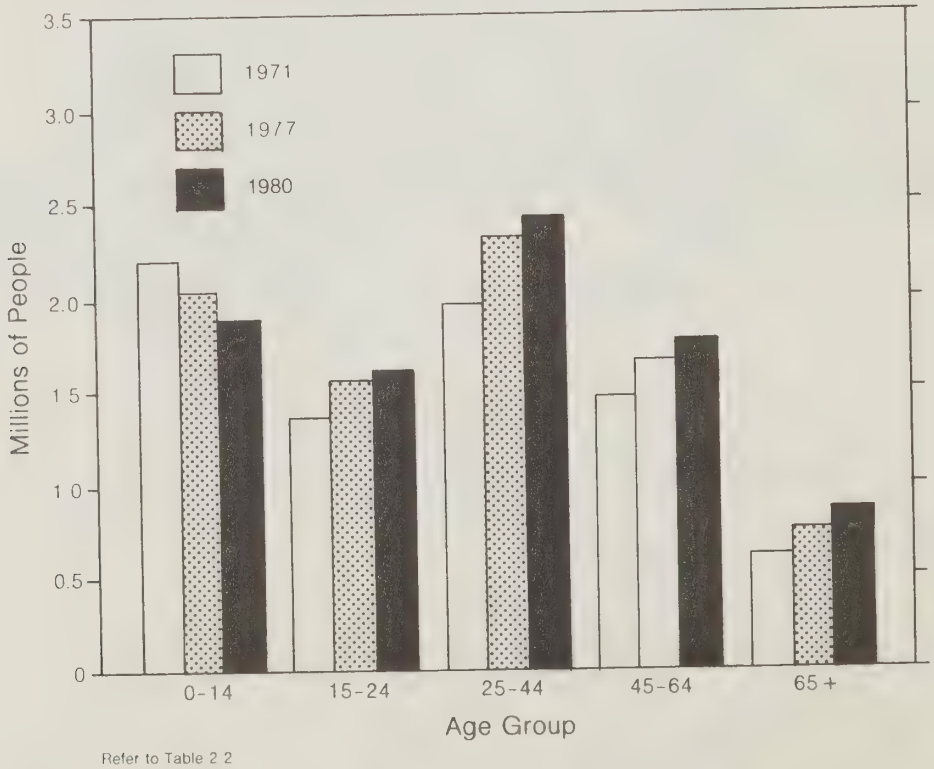
Source: Ministry of Treasury and Economics
Central Statistical Services based on data from SC Census of Population

Graph 2.B
Population by Sex, Ontario, Selected Years, 1970-1980



Refer to Table 2.1

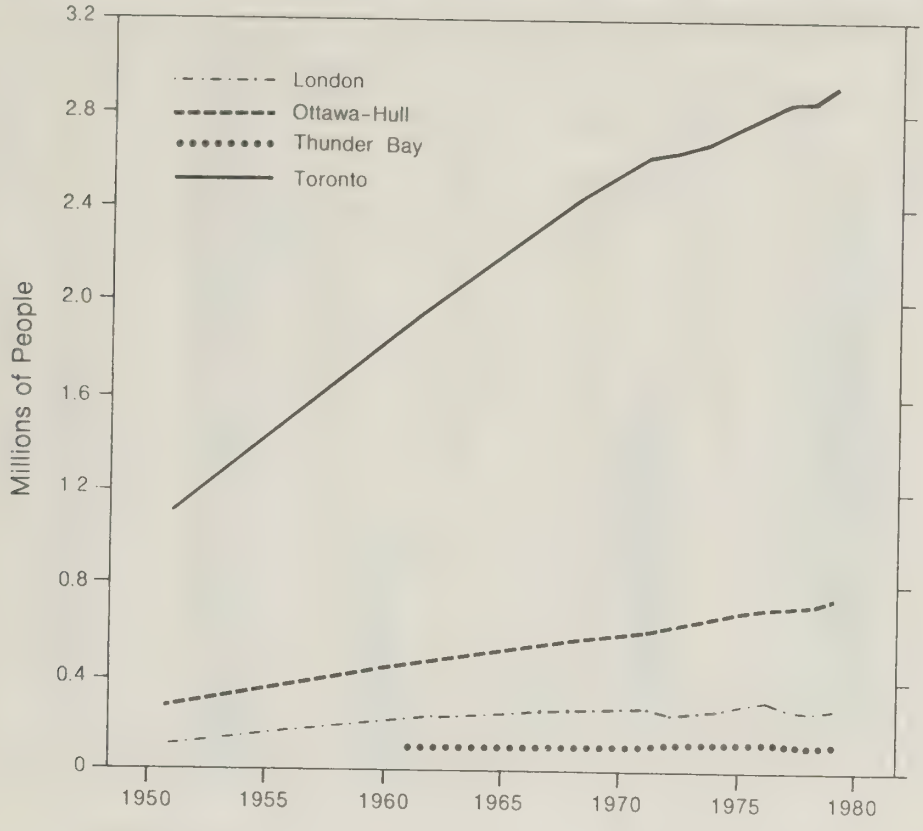
Graph 2.C
Population by Age Group, Ontario, Selected Years, 1971-1980



Refer to Table 2.2

Graph 2.D

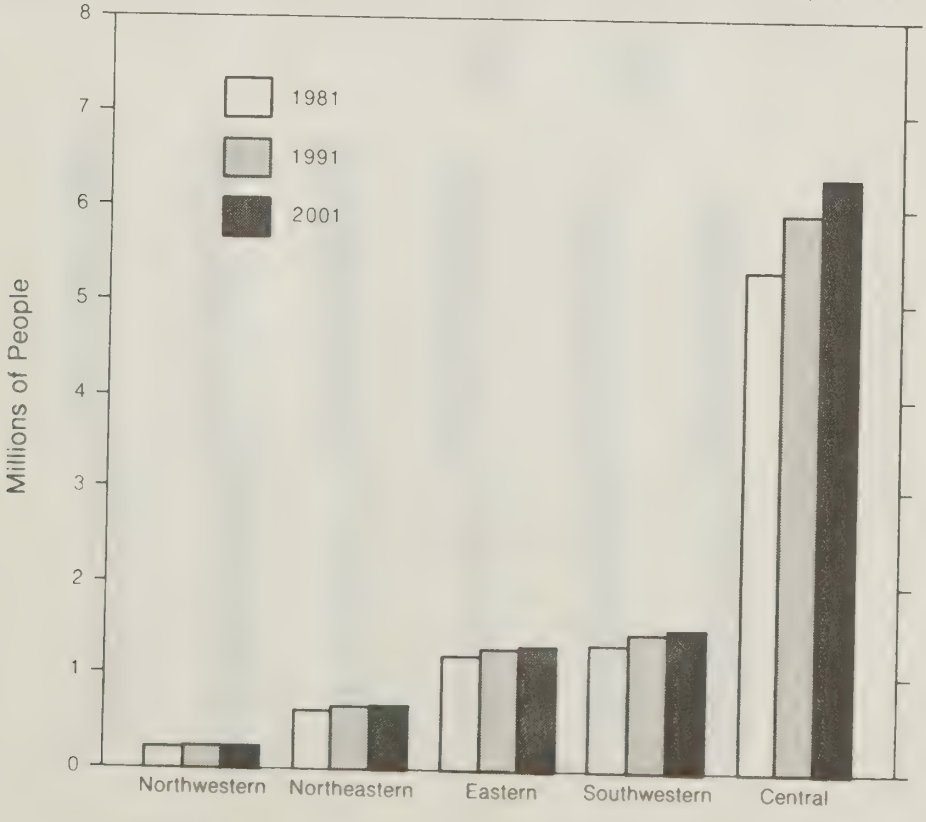
Population by Census Metropolitan Area, Ontario, Selected Years, 1951-1979



Refer to Table 2.14

Graph 2.E

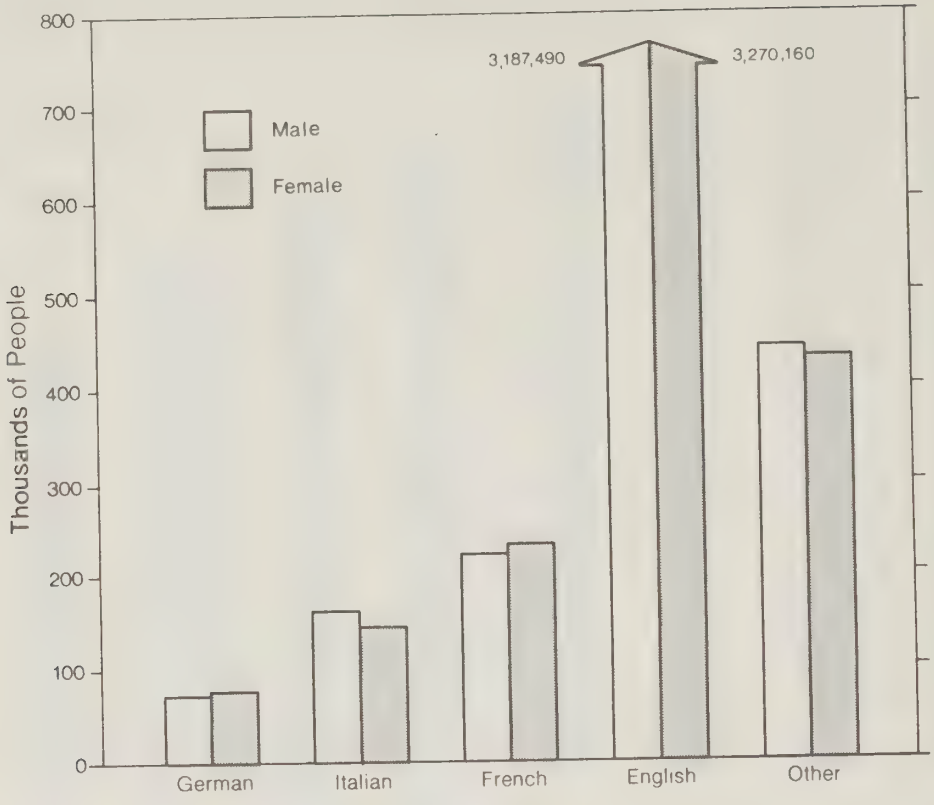
Population Projections, by Planning Region, Ontario, Selected Years, 1981-2001



Refer to Table 2.6

Graph 2.F

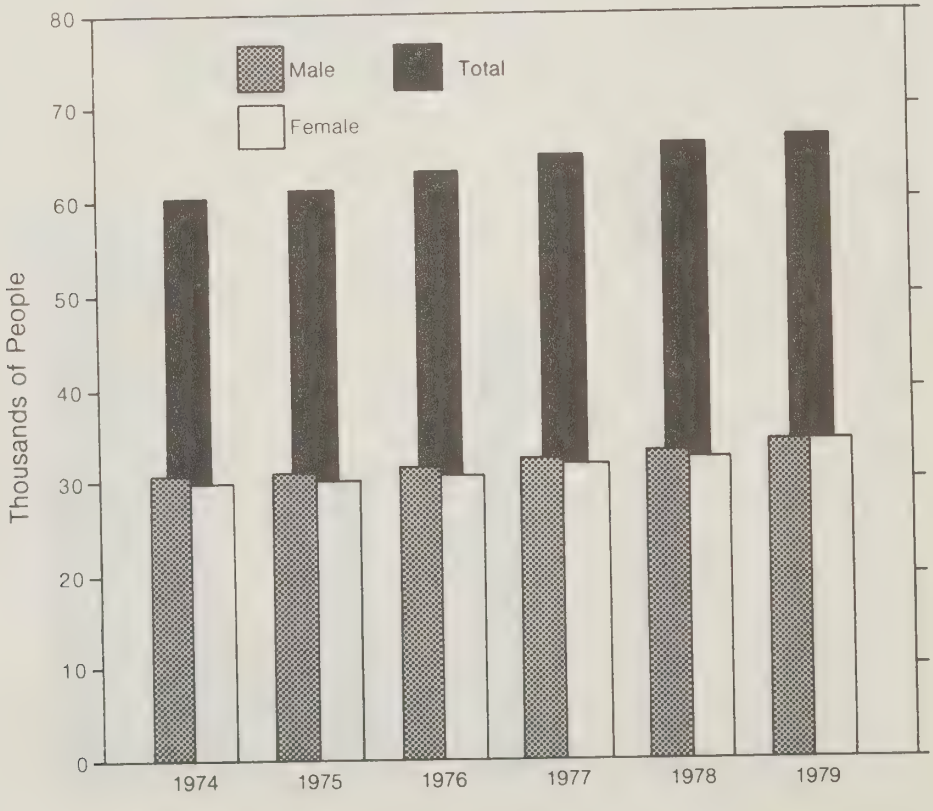
Population by Mother Tongue and Sex, Ontario, 1976



Refer to Table 2.11

Graph 2.G

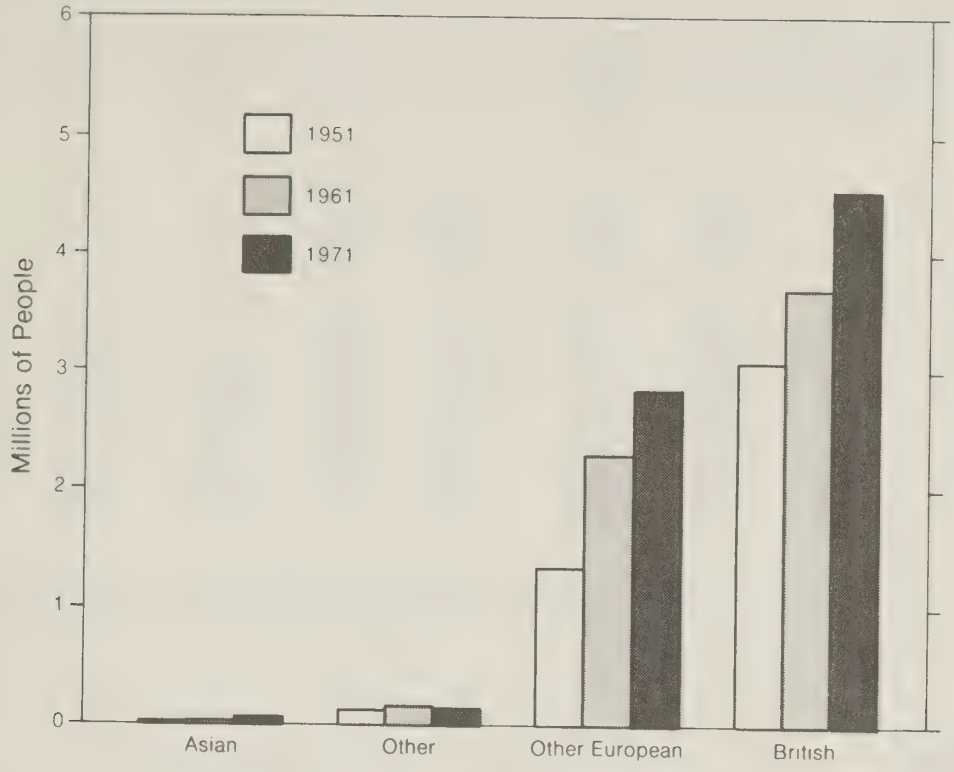
Registered Indian Population, by Sex, Ontario, 1974-1979



Refer to Table 2.21

Graph 2.H

Population by Ethnic Group, Ontario, Census Years, 1951-1971



Refer to Table 2.19

Table 2.1
Population by Province, Canada 1954-1980

	1954	1955	1956	1957	1958	1959	1960	1961	1962
					'000's				
Canada	15,287	15,698	16,081	16,610	17,080	17,483	17,870	18,238	18,58
Ontario	5,115	5,266	5,405	5,636	5,821	5,969	6,111	6,236	6,35
Newfoundland	395	406	415	424	432	441	448	458	46
Prince Edward Island	101	100	99	99	100	101	103	105	10
Nova Scotia	673	683	695	701	709	719	727	737	74
New Brunswick	540	547	555	562	571	582	589	598	60
Québec	4,388	4,517	4,628	4,769	4,904	5,024	5,142	5,259	5,37
Manitoba	823	839	850	862	875	891	906	922	93
Saskatchewan	873	878	881	880	891	907	915	925	93
Alberta	1,057	1,091	1,123	1,164	1,206	1,248	1,291	1,332	1,36
British Columbia	1,295	1,342	1,399	1,482	1,538	1,567	1,602	1,629	1,66
Yukon	10	11	12	12	13	13	14	14	1
Northwest Territories	17	18	19	19	20	21	22	23	2

Table 2.1 (cont'd)

	1963	1964	1965	1966	1967	1968	1969	1970	197
					'000's				
Canada	18,931	19,290	19,644	20,015	20,378	20,701	21,001	21,297	21,56
Ontario	6,481	6,631	6,788	6,961	7,127	7,262	7,385	7,551	7,70
Newfoundland	476	483	488	493	499	506	514	517	52
Prince Edward Island	108	109	109	109	109	110	111	110	11
Nova Scotia	751	755	756	756	760	767	775	782	78
New Brunswick	609	611	615	617	620	625	628	627	63
Québec	5,481	5,584	5,685	5,781	5,864	5,928	5,985	6,013	6,02
Manitoba	949	959	965	963	963	971	979	983	98
Saskatchewan	933	942	950	955	957	960	958	941	92
Alberta	1,403	1,429	1,450	1,463	1,490	1,524	1,559	1,595	1,62
British Columbia	1,699	1,745	1,797	1,874	1,945	2,003	2,060	2,128	2,18
Yukon	15	15	14	14	15	15	16	17	1
Northwest Territories	26	27	27	29	29	30	31	33	3

Table 2.1 (cont'd.)
Population by Province, Canada, 1954-1980

	1972	1973	1974	1975	1976	1977[r]	1978	1979	1980[p]
					'000's				
anada	21,802	22,043	22,364	22,697	22,993	23,258	23,476	23,671	23,914
Ontario	7,810	7,909	8,054	8,172	8,265	8,355	8,444	8,503	8,570
Newfoundland	530	537	542	549	558	564	569	574	580
Prince Edward Island	113	114	115	117	118	120	122	123	124
Nova Scotia	795	804	812	820	829	835	841	848	853
New Brunswick	640	647	654	665	677	687	695	701	707
Québec	6,054	6,079	6,123	6,179	6,235	6,276	6,273	6,284	6,303
Manitoba	991	996	1,008	1,014	1,022	1,029	1,034	1,032	1,028
Saskatchewan	914	905	900	907	921	937	948	959	969
Alberta	1,657	1,690	1,722	1,778	1,838	1,896	1,954	2,012	2,079
British Columbia	2,241	2,302	2,376	2,433	2,467	2,494	2,530	2,570	2,637
Yukon	20	21	21	21	22	21	22	22	21
Northwest Territories	37	39	40	41	43	43	44	43	43

ource: SC, *Estimates of Population for Canada and the Provinces, (91-201)*

able 2.2
opulation by Age Group, Ontario, 1955-1980

ge Group	1955	1956	1957	1958	1959	1960	1961	1962
					'000's			
tal	5,266.0	5,404.9	5,636.0	5,821.0	5,969.0	6,111.0	6,236.1	6,351.0
0-4	610.3	628.8	662.4	693.4	710.5	724.3	740.2	751.8
5-9	534.3	563.7	588.0	614.5	634.6	656.9	674.5	686.4
0-14	407.3	425.9	466.3	501.8	531.0	562.2	593.1	615.0
5-19	341.4	346.8	364.9	385.5	399.8	418.5	436.9	466.9
0-24	364.4	365.1	379.5	386.6	385.8	387.3	386.9	393.0
5-29	413.5	417.4	431.6	435.0	431.9	428.5	422.7	414.2
0-34	422.5	438.7	454.9	459.9	463.6	463.4	459.8	453.3
5-39	382.9	390.8	413.2	430.6	444.8	458.0	469.3	472.9
0-44	351.3	361.1	369.7	377.1	385.3	392.1	397.3	408.4
5-49	304.0	312.2	323.7	333.7	344.4	353.5	360.8	366.1
0-54	265.5	269.3	276.9	283.9	293.7	302.1	309.8	317.1
5-59	232.1	236.5	241.2	243.6	249.7	254.4	258.3	264.9
0-64	192.1	194.2	199.1	202.0	208.0	213.3	218.5	222.5
5-69	165.3	167.4	169.2	170.7	173.9	177.0	180.0	183.4
0-74	130.8	134.2	137.3	139.5	142.5	144.2	146.3	147.2
5-79	81.3	83.2	86.5	89.2	92.6	95.5	97.7	100.4
0-84	42.8	44.4	45.6	46.9	49.1	50.9	53.5	55.6
5-89	18.2	18.8	19.3	20.1	20.5	21.3	22.6	23.6
0+	6.0	6.4	6.7	7.0	7.3	7.6	7.9	8.3

Table 2.2 (cont'd.)
Population by Age Group, Ontario, 1955-1980

Age Group	1963	1964	1965	1966	1967	1968	1969	1970	1971
					'000's				
Total	6,481.0	6,631.0	6,788.0	6,960.9	7,127.0	7,262.0	7,385.0	7,551.0	7,703.1
0-4	762.6	764.3	760.3	745.7	727.1	700.8	672.7	654.5	637.3
5-9	705.5	726.4	747.8	770.1	779.9	786.1	787.6	787.5	783.5
10-14	631.6	647.4	665.5	688.3	711.5	732.7	752.8	772.4	787.7
15-19	503.4	539.8	571.3	599.2	628.6	652.3	671.0	693.6	713.4
20-24	407.0	427.9	452.3	485.1	523.6	560.5	595.4	637.6	674.1
25-29	408.7	411.2	418.0	433.9	454.1	475.4	500.0	533.3	567.4
30-34	446.3	444.0	443.8	447.2	450.9	453.0	455.8	465.7	478.1
35-39	471.3	470.2	470.3	472.6	471.5	468.4	465.8	467.2	468.5
40-44	422.2	439.5	455.9	469.4	478.5	480.8	478.6	476.1	474.1
45-49	369.9	373.7	380.2	391.0	404.3	421.0	439.5	457.2	469.8
50-54	324.8	334.5	344.5	353.4	360.6	364.1	366.5	371.8	381.1
55-59	270.9	277.7	285.2	293.3	303.4	314.3	325.2	335.7	343.6
60-64	226.6	231.9	237.8	244.1	251.3	258.0	264.6	272.0	280.0
65-69	187.7	191.6	195.1	199.2	203.5	208.5	214.6	221.1	227.8
70-74	148.4	151.3	155.0	159.0	161.0	162.3	164.4	167.6	171.5
75-79	102.4	104.0	106.3	108.5	112.2	114.8	116.9	119.0	121.0
80-84	58.0	60.0	61.8	63.2	65.4	67.5	69.6	72.0	74.4
85-89	24.7	26.0	27.1	27.9	29.2	30.4	32.0	33.8	35.9
90 +	9.0	9.6	9.8	9.8	10.4	11.1	12.0	12.9	13.9

Table 2.2 (cont'd)

Age Group	1972	1973	1974	1975	1976	1977	1978	1979[3]	1980
					'000's				
Total	7809.9	7908.8	8054.1	8172.2	8,264.5	8,355.0	8,444.3	8,504.5	8,574.4
0-4	632.0	630.5	630.6	624.2	607.2	603.8	603.3	603.6	603.6
5-9	758.0	722.4	693.0	675.4	667.8	657.2	650.5	638.4	624.9
10-14	798.2	808.7	817.2	816.8	798.8	776.8	743.5	709.0	686.1
15-19	733.6	751.7	772.5	787.2	808.0	820.7	833.5	837.8	834.4
20-24	672.0	680.0	704.6	727.9	744.4	764.7	784.5	798.3	810.7
25-29	609.5	638.7	670.4	696.3	715.8	708.8	712.4	718.3	735.2
30-34	494.7	515.7	543.3	566.4	586.4	627.9	655.4	673.0	689.6
35-39	466.8	466.4	474.5	482.1	490.0	503.1	523.8	542.5	559.9
40-44	475.3	475.7	478.0	476.1	474.6	472.9	470.6	473.2	477.3
45-49	470.4	472.2	472.0	472.6	471.9	471.9	473.5	473.1	469.5
50-54	402.6	424.8	446.6	457.3	465.0	464.1	463.5	461.4	462.2
55-59	345.5	344.6	344.8	353.3	369.4	390.8	413.9	433.8	443.5
60-64	290.1	299.5	309.8	321.2	326.3	328.2	328.0	328.0	336.7
65-69	233.2	238.7	245.3	251.3	260.9	271.7	280.0	288.5	298.4
70-74	175.8	181.4	187.3	192.5	197.3	202.8	208.7	215.3	221.0
75-79	123.7	125.8	128.5	132.5	137.0	141.4	146.8	151.9	156.4
80-84	76.3	78.1	79.3	80.8	83.0	85.3	87.3	90.7	94.9
85-89	37.3	38.3	39.6	40.6	41.5	42.9	44.2	45.4	46.7
90 +	14.9	15.8	16.8	17.8	19.3	20.1	20.9	22.3	23.7

1) Census figures (rounded).
2) Preliminary estimates.
3) Final postcensal estimates.

Source: SC, *Estimated Population by Sex and Age Group, for Canada and Provinces.*

Table 2.3
Population by Sex, by Province, Canada 1969-1980

		1969	1970	1971	1972	1973	1974
				'000's			
Canada	T	21,001.0	21,297.0	21,568.3	21,801.3	22,043.0	22,363.9
	M	10,530.7	10,669.1	10,795.4	10,900.8	11,010.4	11,159.0
	F	10,470.3	10,627.9	10,772.9	10,900.5	11,032.6	11,204.9
Ontario	T	7,385.0	7,551.0	7,703.1	7,809.9	7,908.8	8,054.1
	M	3,687.2	3,767.1	3,840.9	3,889.6	3,934.3	4,001.9
	F	3,697.8	3,783.9	3,862.2	3,920.3	3,974.5	4,052.2
Newfoundland	T	.514.0	517.0	522.1	530.0	537.2	541.5
	M	262.3	263.7	266.1	269.9	273.5	275.5
	F	251.7	253.3	256.0	260.0	263.7	266.0
Prince Edward Island	T	111.0	110.0	111.6	112.6	114.0	115.2
	M	56.0	55.5	56.2	56.7	57.3	57.9
	F	55.0	54.5	55.4	55.9	56.7	57.3
Nova Scotia	T	775.0	782.0	787.0	794.6	804.3	811.5
	M	390.0	393.2	396.5	398.9	403.3	406.5
	F	385.0	388.8	392.5	395.7	401.0	405.0
New Brunswick	T	628.0	627.0	634.6	640.1	647.1	653.6
	M	315.8	315.1	319.4	321.9	325.1	328.1
	F	312.2	311.9	315.2	318.2	322.0	325.5
Québec	T	5,985.0	6,013.0	6,027.8	6,053.6	6,078.9	6,122.7
	M	2,983.1	2,993.4	2,994.6	3,004.9	3,015.0	3,034.3
	F	3,001.9	3,019.6	3,033.2	3,048.7	3,063.8	3,088.4
Manitoba	T	979.0	983.0	988.2	991.2	996.2	1,007.5
	M	490.9	492.1	494.6	495.5	497.3	502.3
	F	488.1	490.9	493.6	495.7	498.9	505.2
Saskatchewan	T	958.0	941.0	926.2	914.0	904.5	899.7
	M	488.6	479.3	470.7	463.8	458.3	455.2
	F	469.4	461.7	455.5	450.2	446.2	444.5
Alberta	T	1,559.0	1,595.0	1,627.9	1,657.3	1,689.5	1,722.4
	M	793.3	811.2	827.8	842.3	858.3	874.5
	F	765.7	783.8	800.1	815.0	831.2	847.8
British Columbia	T	2,060.0	2,128.0	2,184.6	2,241.4	2,302.4	2,375.7
	M	1,038.4	1,071.9	1,100.4	1,127.2	1,156.0	1,190.9
	F	1,021.6	1,056.1	1,084.2	1,114.2	1,146.4	1,184.8
Yukon	T	16.0	17.0	18.4	19.5	20.5	20.5
	M	8.7	9.2	9.9	10.5	11.1	11.0
	F	7.3	7.8	8.5	9.0	9.5	9.5
Northwest Territories	T	31.0	33.0	34.8	37.3	39.4	39.6
	M	16.4	17.4	18.3	19.6	20.7	20.8
	F	14.6	15.6	16.5	17.7	18.7	18.7

Table 2.3 (cont'd.)
Population by Sex, by Province, Canada 1969-1980

		1975	1976[1]	1977	1978	1979[3]	198
				'000's			
Canada	T	22,697.1	22,992.6	23,257.6	23,475.6	23,681.3	23,936
	M	11,313.8	11,449.5	11,572.1	11,670.8	11,765.5	11,887
	F	11,383.3	11,543.1	11,685.6	11,804.8	11,915.8	12,049
Ontario	T	8,172.2	8,264.5	8,355.0	8,444.3	8,504.5	8,574
	M	4,055.9	4,096.9	4,137.1	4,177.0	4,203.0	4,234
	F	4,116.4	4,167.6	4,217.9	4,267.3	4,301.5	4,339
Newfoundland	T	549.1	557.7	564.0	568.8	573.5	579
	M	279.2	283.4	286.5	288.7	291.0	294
	F	269.9	274.3	277.5	280.1	282.5	285
Prince Edward Island	T	117.1	118.2	120.2	122.1	123.0	124
	M	58.8	59.3	60.3	61.3	61.8	62
	F	58.3	58.9	59.8	60.7	61.2	61
Nova Scotia	T	819.5	828.6	835.0	841.4	848.0	852
	M	410.0	414.2	417.0	419.8	422.6	424
	F	409.4	414.4	417.9	421.6	425.4	428
New Brunswick	T	665.2	677.2	687.1	694.8	701.1	707
	M	333.6	339.3	344.1	347.7	350.7	353
	F	331.6	337.9	343.0	347.1	350.4	353
Québec	T	6,179.0	6,234.4	6,275.8	6,272.8	6,288.9	6,312
	M	3,059.7	3,084.6	3,103.8	3,100.6	3,107.4	3,118
	F	3,119.3	3,149.8	3,172.0	3,172.1	3,181.4	3,193
Manitoba	T	1,013.6	1,021.5	1,029.1	1,033.5	1,032.4	1,029
	M	504.7	508.0	511.4	512.8	511.7	509
	F	508.9	513.5	517.7	520.7	520.7	519
Saskatchewan	T	907.4	921.3	937.0	948.4	959.8	970
	M	458.4	464.8	472.5	478.0	483.8	489
	F	449.0	456.6	464.6	470.3	475.9	481
Alberta	T	1,778.3	1,838.0	1,896.4	1,954.2	2,013.8	2,081
	M	902.5	932.4	961.6	990.3	1,020.2	1,054
	F	875.8	905.7	934.9	963.8	993.6	1,027
British Columbia	T	2,433.2	2,466.6	2,493.7	2,530.1	2,571.2	2,640
	M	1,217.8	1,232.5	1,244.1	1,260.5	1,279.5	1,312
	F	1,215.4	1,234.1	1,249.7	1,269.6	1,291.8	1,327
Yukon	T	21.3	21.8	21.1	21.7	21.7	21
	M	11.4	11.7	11.2	11.5	11.4	11
	F	9.9	10.1	9.9	10.2	10.3	10
Northwest Territories	T	41.2	42.6	43.3	43.7	43.4	43
	M	21.7	22.5	22.6	22.5	22.2	21
	F	19.5	20.2	20.7	21.1	21.2	21

1) Census figures (rounded).
2) Postcensal preliminary figures.
3) Final postcensal estimates.

Source: SC, *Estimated Population by Sex and Age Group, for Canada and Provinces.*
Revised Annual Estimates of Population, by Sex and Age Group, Canada and the Provinces.

able 2.4

stimated Population by Sex and Age Groups, by County and Planning Region, Ontario, une 1, 1980

ounty		0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
otal Ontario	M	303,845	321,197	349,891	420,510	403,318	364,407	351,077	286,435	242,886
	F	290,376	304,495	333,087	400,865	392,869	374,731	352,604	281,881	238,836
	T	594,221	625,692	682,978	821,375	796,187	739,138	703,681	568,316	481,722
astern Ontario	M	41,887	42,002	46,938	60,804	59,939	53,042	48,825	39,201	32,601
	F	40,140	39,778	44,328	57,504	57,718	53,391	47,753	38,564	31,818
	T	82,027	81,780	91,266	118,308	117,657	106,433	96,578	77,765	64,419
undas	M	599	757	787	1,017	969	668	730	613	491
	F	595	659	828	973	828	664	671	574	458
	T	1,194	1,416	1,615	1,990	1,797	1,332	1,401	1,187	949
rontenac	M	4,134	4,055	4,342	5,579	5,926	6,194	4,824	3,946	3,182
	F	3,979	3,685	4,099	5,231	5,488	5,814	4,622	3,587	2,940
	T	8,113	7,740	8,441	10,810	11,414	12,008	9,446	7,533	6,122
lengarry	M	729	786	880	1,226	1,059	684	659	583	508
	F	718	695	860	1,150	963	654	644	514	469
	T	1,447	1,481	1,740	2,376	2,022	1,338	1,303	1,097	977
renville	M	909	1,068	1,177	1,459	1,309	1,036	969	909	768
	F	882	1,012	1,111	1,404	1,194	984	996	859	692
	T	1,791	2,080	2,288	2,863	2,503	2,020	1,965	1,768	1,460
astings	M	3,614	3,937	4,427	5,845	5,484	4,124	3,745	3,053	2,920
	F	3,450	3,786	4,039	5,556	5,219	4,098	3,658	3,168	2,867
	T	7,064	7,723	8,466	11,401	10,703	8,222	7,403	6,221	5,787
anark	M	1,411	1,512	1,713	2,361	2,347	1,967	1,746	1,430	1,124
	F	1,362	1,463	1,675	2,228	2,221	1,809	1,737	1,310	1,062
	T	2,773	2,975	3,388	4,589	4,568	3,776	3,483	2,740	2,186
eeds	M	1,644	1,897	2,191	2,730	2,647	2,089	1,904	1,688	1,447
	F	1,549	1,841	2,015	2,638	2,488	1,919	2,008	1,610	1,448
	T	3,193	3,738	4,206	5,368	5,135	4,008	3,912	3,298	2,895
ennox & Addington	M	1,137	1,444	1,513	1,713	1,520	1,279	1,425	1,170	906
	F	1,104	1,293	1,361	1,574	1,402	1,280	1,292	1,063	787
	T	2,241	2,737	2,874	3,287	2,922	2,559	2,717	2,233	1,693
ttawa-Carleton	M	19,448	18,529	20,680	26,286	26,232	26,062	24,589	19,029	15,507
	F	18,496	17,379	19,460	24,764	26,997	27,929	24,440	19,265	15,463
	T	37,944	35,908	40,140	51,050	53,229	53,991	49,029	38,294	30,970
rescott	M	1,060	1,089	1,269	1,764	1,681	1,208	1,123	954	737
	F	1,040	1,058	1,253	1,725	1,528	1,104	1,037	937	715
	T	2,100	2,147	2,522	3,489	3,209	2,312	2,160	1,891	1,452
rince Edward	M	675	680	840	1,202	1,149	806	801	607	560
	F	663	724	835	1,130	999	801	724	631	550
	T	1,338	1,404	1,675	2,332	2,148	1,607	1,525	1,238	1,110
enfrew	M	3,293	3,143	3,622	4,913	5,238	3,553	3,087	2,545	2,288
	F	3,200	3,096	3,445	4,632	4,164	2,968	2.826	2,456	2,250
	T	6,493	6,239	7,067	9,545	9,402	6,521	5,913	5,001	4,538
ussell	M	964	904	1,041	1,242	1,101	904	1,028	845	586
	F	917	922	1,033	1,185	967	939	959	775	526
	T	1,881	1,826	2,074	2,427	2,068	1,843	1,987	1,620	1,112
ormont	M	2,270	2,201	2,456	3,467	3,277	2,468	2,195	1,829	1,577
	F	2,185	2,165	2,314	3,314	3,260	2,428	2,139	1,815	1,591
	T	4,455	4,366	4,770	6,781	6,537	4,896	4,334	3,644	3,168

Table 2.4 (cont'd.)
Estimated Population by Sex and Age Groups, by County and Planning Region, Ontario, June 1, 1980

		45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	To
Total Ontario	M	239,687	231,954	213,938	159,357	138,045	95,932	63,239	34,104	21,249	4,241,(
	F	232,908	232,153	230,000	176,093	158,510	124,495	93,699	62,471	49,256	4,329,3
	T	472,595	464,107	443,938	335,450	296,555	220,427	156,938	96,575	70,505	8,570,4
Eastern Ontario	M	31,977	30,336	29,236	23,244	19,584	13,509	8,390	4,783	3,072	589,3
	F	31,414	31,493	32,196	26,136	23,057	17,494	13,043	9,007	7,229	602,(
	T	63,391	61,829	61,432	49,380	42,641	31,003	21,433	13,790	10,301	1,191,4
Dundas	M	436	438	468	440	395	312	203	118	57	9,4
	F	431	482	473	440	428	355	263	191	154	9,4
	T	867	920	941	880	823	667	466	309	211	18,9
Frontenac	M	3,117	2,944	2,805	2,213	1,895	1,286	788	461	329	58,(
	F	3,091	2,886	3,027	2,441	2,104	1,644	1,177	864	753	57,4
	T	6,208	5,830	5,832	4,654	3,999	2,930	1,965	1,325	1,082	115,4
Glengarry	M	478	504	520	454	470	321	230	134	66	10,2
	F	434	533	564	454	490	330	291	188	163	10,1
	T	912	1,037	1,084	908	960	651	521	322	229	20,4
Grenville	M	728	684	647	559	540	412	230	120	69	13,5
	F	708	714	730	645	598	467	362	230	194	13,1
	T	1,436	1,398	1,377	1,204	1,138	879	592	350	263	27,3
Hastings	M	2,953	2,762	2,635	2,182	1,884	1,401	841	504	316	52,(
	F	2,910	2,823	2,857	2,445	2,141	1,653	1,272	829	647	53,4
	T	5,863	5,585	5,492	4,627	4,025	3,054	2,113	1,333	963	106,(
Lanark	M	1,063	1,134	1,085	957	922	656	468	267	149	22,3
	F	1,104	1,127	1,241	1,189	1,106	851	680	479	334	22,9
	T	2,167	2,261	2,326	2,146	2,028	1,507	1,148	746	483	45,3
Leeds	M	1,505	1,369	1,322	1,157	1,149	847	498	257	166	26,5
	F	1,409	1,493	1,490	1,346	1,310	1,031	731	496	429	27,3
	T	2,914	2,862	2,812	2,503	2,459	1,878	1,229	753	595	53,1
Lennox & Addington	M	809	762	742	639	536	466	285	160	106	16,(
	F	789	779	783	620	571	472	368	246	184	15,5
	T	1,598	1,541	1,525	1,259	1,107	938	653	406	290	32,5
Ottawa-Carleton (R.M.)	M	15,224	14,071	13,634	10,149	7,893	4,877	2,905	1,682	1,154	267,5
	F	14,892	14,913	15,220	11,690	9,962	7,173	5,289	3,814	2,999	280,(
	T	30,116	28,984	28,854	21,839	17,855	12,050	8,194	5,496	4,153	548,(
Prescott	M	732	765	666	625	489	398	280	132	93	15,(
	F	791	768	747	655	572	478	337	233	154	15,(
	T	1,523	1,533	1,413	1,280	1,061	876	617	365	247	30,(
Prince Edward	M	569	593	658	577	494	379	243	138	86	11,(
	F	549	621	690	560	518	412	311	201	154	11,(
	T	1,118	1,214	1,348	1,137	1,012	791	554	339	240	22,(
Renfrew	M	2,294	2,231	2,122	1,717	1,483	1,123	728	450	263	44,(
	F	2,238	2,210	2,197	1,867	1,581	1,287	1,003	630	518	42,(
	T	4,532	4,441	4,319	3,584	3,064	2,410	1,731	1,080	781	86,(
Russell	M	502	443	443	358	346	223	174	90	70	11,(
	F	441	467	449	352	330	268	210	127	125	10,(
	T	943	910	892	710	676	491	384	217	195	22,(
Stormont	M	1,567	1,636	1,489	1,217	1,088	808	517	270	148	30,(
	F	1,627	1,677	1,728	1,432	1,346	1,073	749	479	421	31,(
	T	3,194	3,313	3,217	2,649	2,434	1,881	1,266	749	569	62,(

ble 2.4 (cont'd.)
timated Population by Sex and Age Groups, by County and Planning Region, Ontario,
ne 1, 1980

gion/County	Sex	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
ntral Ontario	M	184,157	194,984	212,146	249,698	238,856	223,933	222,774	183,126	155,327
	F	176,094	184,512	202,936	237,597	235,162	235,054	227,254	180,689	153,144
	T	360,251	379,496	415,082	487,295	474,018	458,987	450,028	363,815	308,471
nt	M	3,496	3,906	4,299	5,193	4,880	4,372	3,974	3,108	2,681
	F	3,350	3,676	4,079	4,916	4,660	4,323	3,752	3,061	2,610
	T	6,846	7,582	8,378	10,109	9,540	8,695	7,726	6,169	5,291
fferin	M	1,160	1,411	1,469	1,623	1,348	1,046	1,313	1,194	957
	F	1,077	1,301	1,370	1,490	1,206	1,110	1,372	1,139	846
	T	2,237	2,712	2,839	3,113	2,554	2,156	2,685	2,333	1,803
rham (R.M.)	M	9,954	11,534	12,355	14,862	12,983	10,667	11,299	10,454	8,421
	F	9,557	11,088	11,735	14,153	12,334	10,878	12,047	10,043	8,034
	T	19,511	22,622	24,090	29,015	25,317	21,545	23,346	20,497	16,455
dimand- orfolk (R.M.)	M	3,106	3,402	3,895	4,990	4,658	3,692	3,361	2,785	2,407
	F	2,963	3,351	3,615	4,455	4,248	3,517	3,110	2,722	2,302
	T	6,069	6,753	7,510	9,445	8,906	7,209	6,471	5,507	4,709
iburton	M	299	388	431	569	518	354	371	335	249
	F	284	359	432	497	450	327	382	308	258
	T	583	747	863	1,066	968	681	753	643	507
ton (R.M.)	M	8,595	10,172	11,302	13,380	11,849	8,669	9,601	9,680	8,266
	F	8,250	9,596	10,848	12,817	11,153	8,705	10,488	9,721	8,058
	T	16,845	19,768	22,150	26,197	23,002	17,374	20,089	19,401	16,324
milton- entworth- .M.)	M	13,472	14,429	16,046	19,489	19,538	18,129	16,223	12,733	10,885
	F	12,927	13,588	15,535	18,598	19,055	18,519	16,058	12,519	10,902
	T	26,399	28,017	31,581	38,087	38,593	36,648	32,281	25,252	21,787
skoka).M.)	M	1,146	1,342	1,390	2,001	1,818	1,444	1,397	1,083	965
	F	1,115	1,319	1,381	1,848	1,712	1,453	1,311	1,105	988
	T	2,261	2,661	2,771	3,849	3,530	2,897	2,708	2,188	1,953
gara (R.M.)	M	11,374	13,633	15,851	18,692	17,731	14,519	13,290	11,333	9,758
	F	11,038	12,885	14,792	18,030	17,370	14,420	13,467	11,492	9,936
	T	22,412	26,518	30,643	36,722	35,101	28,939	26,757	22,825	19,694
rthum- erland	M	2,045	2,408	2,642	3,480	3,146	2,597	2,387	1,988	1,700
	F	1,963	2,289	2,477	3,376	2,875	2,314	2,352	1,836	1,695
	T	4,008	4,697	5,119	6,856	6,021	4,911	4,739	3,824	3,395
el (R.M.)	M	18,770	21,119	21,798	23,434	19,102	17,493	21,457	19,985	16,663
	F	17,944	20,058	21,058	21,987	19,358	19,374	23,141	19,307	15,062
	T	36,714	41,177	42,856	45,421	38,460	36,867	44,598	39,292	31,725
terborough	M	3,365	3,670	4,080	5,112	5,089	4,269	3,835	3,120	2,570
	F	3,232	3,487	4,010	4,925	4,856	4,053	3,746	3,122	2,593
	T	6,597	7,157	8,090	10,037	9,945	8,322	7,581	6,242	5,163
ncoe	M	7,809	8,901	9,288	11,605	11,278	8,782	8,848	7,589	6,057
	F	7,514	8,436	8,781	10,732	10,056	8,737	8,793	7,220	5,725
	T	15,323	17,337	18,069	22,337	21,334	17,519	17,641	14,809	11,782
ronto (M.M.)	M	73,669	69,178	76,204	88,974	91,194	96,641	95,770	72,519	62,668
	F	70,162	65,310	73,099	85,416	93,265	106,037	97,313	72,490	64,389
	T	143,831	134,488	149,303	174,390	184,459	202,678	193,083	145,009	127,057

Table 2.4 (cont'd.)
Estimated Population by Sex and Age Groups, by County and Planning Region, Ontario, June 1, 1980

		45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Tota
Central Ontario	M	153,402	147,703	134,641	96,516	83,887	57,708	37,747	20,135	12,874	2,609,61
	F	148,799	147,514	143,407	106,441	97,003	76,933	57,606	38,240	30,536	2,678,92
	T	302,201	295,217	278,048	202,957	180,890	134,641	95,353	58,375	43,410	5,288,53
Brant	M	2,532	2,665	2,659	2,036	1,826	1,332	862	440	271	50,53
	F	2,605	2,833	2,890	2,379	2,180	1,756	1,282	878	679	51,90
	T	5,137	5,498	5,549	4,415	4,006	3,088	2,144	1,318	950	102,44
Dufferin	M	784	701	648	506	459	379	253	133	84	15,46
	F	740	665	658	524	497	376	313	195	150	15,02
	T	1,524	1,366	1,306	1,030	956	755	566	328	234	30,49
Durham (R.M.)	M	8,213	7,460	6,284	4,512	3,652	2,513	1,710	1,048	655	138,57
	F	7,631	7,122	6,441	4,577	3,943	3,255	2,458	1,630	1,322	138,24
	T	15,844	14,582	12,725	9,089	7,595	5,768	4,168	2,678	1,977	276,82
Haldimand-Norfolk (R.M.)	M	2,375	2,380	2,211	1,775	1,719	1,303	952	493	269	45,77
	F	2,423	2,354	2,460	2,007	1,939	1,606	1,234	748	542	45,59
	T	4,798	4,734	4,671	3,782	3,658	2,909	2,186	1,241	811	91,36
Haliburton	M	311	298	294	296	279	282	164	74	34	5,54
	F	297	302	348	361	335	292	195	103	72	5,60
	T	608	600	642	657	614	574	359	177	106	11,14
Halton (R.M.)	M	7,981	7,395	6,031	3,979	3,007	1,903	1,192	614	448	124,06
	F	7,563	6,768	6,159	3,999	3,248	2,463	1,813	1,221	1,077	123,94
	T	15,544	14,163	12,190	7,978	6,255	4,366	3,005	1,835	1,525	248,01
Hamilton-Wentworth (R.M.)	M	11,337	11,958	11,830	8,439	7,138	4,848	3,225	1,747	1,038	202,50
	F	11,616	12,358	12,458	8,932	8,157	6,660	5,051	3,437	2,671	209,04
	T	22,953	24,316	24,288	17,371	15,295	11,508	8,276	5,184	3,709	411,54
Muskoka (D.M.)	M	1,090	1,030	927	805	880	681	445	191	118	18,75
	F	983	1,075	1,121	1,022	1,009	812	566	346	270	19,43
	T	2,073	2,105	2,048	1,827	1,889	1,493	1,011	537	388	38,18
Niagara (R.M.)	M	9,963	10,363	10,198	7,480	6,502	4,417	3,039	1,630	936	180,70
	F	10,256	10,694	11,048	8,361	7,441	5,836	4,518	3,016	2,356	186,95
	T	20,219	21,057	21,246	15,841	13,943	10,253	7,557	4,646	3,292	367,66
Northumberland	M	1,680	1,744	1,642	1,404	1,341	989	614	330	167	32,30
	F	1,621	1,761	1,880	1,636	1,506	1,196	898	565	393	32,63
	T	3,301	3,505	3,522	3,040	2,847	2,185	1,512	895	560	64,93
Peel (R.M.)	M	14,376	11,737	9,171	5,813	4,356	2,613	1,579	869	576	230,91
	F	12,721	10,727	8,849	6,073	4,905	3,608	2,526	1,652	1,530	229,88
	T	27,097	22,464	18,020	11,886	9,261	6,221	4,105	2,521	2,106	460,79
Peterborough	M	2,603	2,677	2,635	2,186	2,096	1,471	810	419	238	50,24
	F	2,616	2,945	3,033	2,685	2,310	1,815	1,221	824	691	52,16
	T	5,219	5,622	5,668	4,871	4,406	3,286	2,031	1,243	929	102,40
Simcoe	M	5,706	5,289	5,010	4,141	4,067	3,149	2,002	1,031	620	111,17
	F	5,283	5,307	5,491	4,786	4,663	3,567	2,591	1,650	1,272	110,60
	T	10,989	10,596	10,501	8,927	8,730	6,716	4,593	2,681	1,892	221,77
Toronto (M.M.)	M	64,272	62,813	58,289	40,753	35,703	24,024	15,577	8,207	5,473	1,041,92
	F	63,255	63,875	62,692	45,387	42,531	33,851	25,403	16,855	13,235	1,094,56
	T	127,527	126,688	120,981	86,140	78,234	57,875	40,980	25,062	18,708	2,136,49

Table 2.4 (cont'd.)
Estimated Population by Sex and Age Groups, by County and Planning Region, Ontario, June 1, 1980

Region/County	Sex	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
Victoria	M	1,506	1,782	1,867	2,414	2,156	1,709	1,749	1,507	1,191
	F	1,413	1,646	1,839	2,310	2,042	1,730	1,679	1,454	1,143
	T	2,919	3,428	3,706	4,724	4,198	3,439	3,428	2,961	2,334
Waterloo (R.M.)	M	11,908	12,713	13,110	14,337	14,108	14,985	13,263	10,575	8,637
	F	11,410	11,943	12,570	13,904	14,046	15,081	12,988	10,075	7,871
	T	23,318	24,656	25,680	28,241	28,154	30,066	26,251	20,650	16,508
Wellington	M	4,814	5,244	5,440	6,618	6,299	5,972	5,444	4,304	3,444
	F	4,634	4,834	5,283	6,252	5,958	5,940	5,208	4,186	3,339
	T	9,448	10,078	10,723	12,870	12,257	11,912	10,652	8,490	6,783
York (R.M.)	M	7,669	9,752	10,679	12,925	11,161	8,593	9,192	8,834	7,808
	F	7,261	9,346	10,032	11,891	10,518	8,536	10,047	8,889	7,393
	T	14,930	19,098	20,711	24,816	21,679	17,129	19,239	17,723	15,201
Southwestern Ontario	M	44,981	50,218	54,211	64,351	62,407	54,143	49,254	39,964	33,388
	F	42,945	47,779	50,708	61,977	59,891	54,199	48,905	38,959	33,053
	T	87,926	97,997	104,919	126,328	122,298	108,342	98,159	78,923	66,441
Bruce	M	2,072	2,575	2,559	2,990	2,870	2,344	2,419	1,870	1,602
	F	1,993	2,428	2,362	2,993	2,506	2,184	2,107	1,710	1,405
	T	4,065	5,003	4,921	5,983	5,376	4,528	4,526	3,580	3,007
Elgin	M	2,313	2,784	3,129	3,472	3,170	2,580	2,569	2,234	1,856
	F	2,189	2,712	2,957	3,382	3,058	2,651	2,596	2,130	1,748
	T	4,502	5,496	6,086	6,854	6,228	5,231	5,165	4,364	3,604
Essex	M	11,182	12,571	13,891	15,877	15,493	12,863	11,891	9,768	7,998
	F	10,895	11,916	13,114	15,288	14,863	13,122	12,049	9,517	8,213
	T	22,077	24,487	27,005	31,165	30,356	25,985	23,940	19,285	16,211
Grey	M	2,230	2,747	2,999	3,769	3,502	2,834	2,649	2,121	1,865
	F	2,147	2,600	2,872	3,591	3,379	2,656	2,552	2,111	1,833
	T	4,377	5,347	5,871	7,360	6,881	5,490	5,201	4,232	3,698
Huron	M	1,934	2,238	2,438	3,013	2,812	2,242	1,963	1,645	1,351
	F	1,853	2,188	2,314	2,845	2,601	1,919	1,833	1,528	1,312
	T	3,787	4,426	4,752	5,858	5,413	4,161	3,796	3,173	2,663
Kent	M	3,954	4,294	4,614	5,599	5,345	4,478	3,988	3,255	2,694
	F	3,696	4,118	4,205	5,451	4,977	4,271	3,902	3,117	2,673
	T	7,650	8,412	8,819	11,050	10,322	8,749	7,890	6,372	5,367
Lambton	M	4,575	4,918	5,237	6,293	6,501	5,507	4,871	3,891	3,198
	F	4,410	4,690	4,824	6,156	6,070	5,028	4,466	3,721	3,186
	T	8,985	9,608	10,061	12,449	12,571	10,535	9,337	7,612	6,384
Middlesex	M	11,565	12,063	13,051	15,583	15,084	15,186	13,385	10,624	8,859
	F	10,948	11,408	12,067	14,809	15,262	16,401	13,998	10,828	8,808
	T	22,513	23,471	25,118	30,392	30,346	31,587	27,383	21,452	17,667
Oxford	M	2,907	3,451	3,546	4,280	4,157	3,442	3,152	2,603	2,278
	F	2,727	3,279	3,339	4,134	3,999	3,410	3,137	2,448	2,200
	T	5,634	6,730	6,885	8,414	8,156	6,852	6,289	5,051	4,478
Perth	M	2,249	2,577	2,747	3,475	3,473	2,667	2,367	1,953	1,687
	F	2,087	2,440	2,654	3,328	3,176	2,557	2,265	1,849	1,675
	T	4,336	5,017	5,401	6,803	6,649	5,224	4,632	3,802	3,362

Table 2.4 (cont'd.)
Estimated Population by Sex and Age Groups, by County and Planning Region, Ontario, June 1, 1980

		45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	To
Victoria	M	1,179	1,188	1,174	1,013	1,182	917	551	281	157	23,5
	F	1,147	1,202	1,337	1,348	1,261	1,035	716	419	289	24,0
	T	2,326	2,390	2,511	2,361	2,443	1,952	1,267	700	446	47,5
Waterloo (R.M.)	M	7,929	7,731	6,825	5,001	4,206	3,015	2,076	1,099	756	152,2
	F	7,685	7,824	7,419	5,546	5,088	4,071	3,067	2,148	1,766	154,5
	T	15,614	15,555	14,244	10,547	9,294	7,086	5,143	3,247	2,522	306,7
Wellington	M	3,468	3,354	2,949	2,303	2,106	1,591	1,112	648	406	65,5
	F	3,199	3,291	3,171	2,557	2,312	1,907	1,572	1,022	832	65,4
	T	6,667	6,645	6,120	4,860	4,418	3,498	2,684	1,670	1,238	131,0
York (R.M.)	M	7,603	6,920	5,864	4,074	3,368	2,281	1,584	881	628	119,8
	F	7,158	6,411	5,952	4,261	3,678	2,827	2,182	1,531	1,389	119,3
	T	14,761	13,331	11,816	8,335	7,046	5,108	3,766	2,412	2,017	239,1
Southwestern Ontario	M	32,688	32,890	31,157	24,793	21,810	16,009	11,294	6,336	3,752	633,6
	F	32,424	33,348	34,729	27,797	25,134	20,413	16,128	11,006	8,311	647,7
	T	65,112	66,238	65,886	52,590	46,944	36,422	27,422	17,342	12,063	1,281,3
Bruce	M	1,443	1,344	1,276	1,175	1,162	938	620	369	226	29,8
	F	1,364	1,279	1,425	1,301	1,230	1,025	773	556	369	29,0
	T	2,807	2,623	2,701	2,476	2,392	1,963	1,393	925	595	58,8
Elgin	M	1,694	1,738	1,722	1,434	1,252	990	653	360	216	34,1
	F	1,638	1,799	1,949	1,586	1,518	1,214	969	655	548	35,2
	T	3,332	3,537	3,671	3,020	2,770	2,204	1,622	1,015	764	69,4
Essex	M	8,181	8,423	7,852	5,670	4,963	3,609	2,847	1,628	878	155,5
	F	8,147	8,521	8,880	6,668	5,852	5,022	4,225	2,843	2,058	161,1
	T	16,328	16,944	16,732	12,338	10,815	8,631	7,072	4,471	2,936	316,7
Grey	M	1,890	1,949	1,822	1,621	1,543	1,166	848	436	240	36,2
	F	1,874	1,947	2,032	1,772	1,729	1,428	1,056	739	517	36,8
	T	3,764	3,896	3,854	3,393	3,272	2,594	1,904	1,175	757	73,0
Huron	M	1,308	1,398	1,335	1,207	1,170	914	583	362	198	28,1
	F	1,340	1,366	1,455	1,393	1,287	991	765	528	425	27,9
	T	2,648	2,764	2,790	2,600	2,457	1,905	1,348	890	623	56,0
Kent	M	2,570	2,623	2,463	2,040	1,861	1,315	1,056	527	344	53,0
	F	2,526	2,627	2,860	2,285	2,167	1,750	1,378	925	688	53,6
	T	5,096	5,250	5,323	4,325	4,028	3,065	2,434	1,452	1,032	106,6
Lambton	M	3,315	3,449	3,009	2,505	2,085	1,421	933	507	297	62,5
	F	3,312	3,365	3,354	2,583	2,159	1,641	1,262	882	677	61,7
	T	6,627	6,814	6,363	5,088	4,244	3,062	2,195	1,389	974	125,2
Middlesex	M	8,550	8,115	8,012	6,136	5,108	3,579	2,326	1,353	895	159,4
	F	8,484	8,552	8,754	6,785	6,055	4,815	3,663	2,511	2,012	166,1
	T	17,034	16,667	16,766	12,921	11,163	8,394	5,989	3,864	2,907	325,6
Oxford	M	2,134	2,180	2,083	1,610	1,529	1,149	777	424	234	41,9
	F	2,135	2,196	2,251	1,894	1,734	1,391	1,105	778	538	42,6
	T	4,269	4,376	4,334	3,504	3,263	2,540	1,882	1,202	772	84,6
Perth	M	1,603	1,671	1,583	1,395	1,137	928	651	370	224	32,1
	F	1,604	1,696	1,769	1,530	1,403	1,136	932	589	479	33,1
	T	3,207	3,367	3,352	2,925	2,540	2,064	1,583	959	703	65,9

ble 2.4 (cont'd.)
timated Population by Sex and Age Groups, by County and Planning Region, Ontario, ne 1, 1980

gion/County	Sex	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
rtheastern ntario	M	23,758	24,092	26,167	33,553	30,258	22,796	21,121	17,395	15,531
	F	22,532	22,798	25,204	32,130	29,066	22,503	20,249	17,114	15,110
	T	46,290	46,890	51,371	65,683	59,324	45,299	41,370	34,509	30,641
oma	M	5,489	5,215	6,026	7,386	6,700	5,273	4,617	3,980	3,658
	F	5,211	5,088	5,671	7,106	6,658	5,135	4,555	3,928	3,527
	T	10,700	10,303	11,697	14,492	13,358	10,408	9,172	7,908	7,185
chrane	M	4,000	4,153	4,466	5,505	5,263	3,997	3,548	2,810	2,398
	F	3,842	3,909	4,276	5,311	4,757	3,780	3,422	2,593	2,387
	T	7,842	8,062	8,742	10,816	10,020	7,777	6,970	5,403	4,785
nitoulin	M	391	459	514	693	610	332	303	291	258
	F	374	484	555	666	529	323	318	272	262
	T	765	943	1,069	1,359	1,139	655	621	563	520
issing	M	3,314	3,122	3,634	4,924	4,265	2,830	2,814	2,380	2,292
	F	3,100	2,986	3,427	4,714	4,136	2,996	2,747	2,495	2,310
	T	6,414	6,108	7,061	9,638	8,401	5,826	5,561	4,875	4,602
ry Sound	M	1,074	1,234	1,350	1,947	1,607	1,083	1,095	949	919
	F	1,010	1,070	1,310	1,737	1,511	1,059	1,065	952	849
	T	2,084	2,304	2,660	3,684	3,118	2,142	2,160	1,901	1,768
dbury .M.)	M	7,029	7,099	7,076	9,152	8,288	6,725	6,394	5,119	4,302
	F	6,655	6,607	6,907	8,757	8,109	6,839	5,918	5,073	4,145
	T	13,684	13,706	13,983	17,909	16,397	13,564	12,312	10,192	8,447
dbury (T.D.)	M	1,031	1,190	1,284	1,636	1,328	989	944	792	675
	F	977	1,190	1,262	1,534	1,288	873	897	694	618
	T	2,008	2,380	2,546	3,170	2,616	1,862	1,841	1,486	1,293
iiskaming	M	1,430	1,620	1,817	2,310	2,197	1,567	1,406	1,074	1,029
	T	1,363	1,464	1,796	2,305	2,078	1,498	1,327	1,107	1,012
	T	2,793	3,084	3,613	4,615	4,275	3,065	2,733	2,181	2,041
thwestern ntario	M	9,062	9,901	10,429	12,104	11,858	10,493	9,103	6,749	6,039
	F	8,665	9,628	9,911	11,657	11,032	9,584	8,443	6,555	5,711
	T	17,727	19,529	20,340	23,761	22,890	20,077	17,546	13,304	11,750
nora	M	2,455	2,915	3,059	3,181	3,033	2,500	2,254	1,687	1,545
	F	2,354	2,894	2,826	3,223	2,685	2,225	2,035	1,638	1,444
	T	4,809	5,809	5,885	6,404	5,718	4,725	4,289	3,325	2,989
ny River	M	898	1,061	1,082	1,312	1,279	930	760	646	515
	F	860	966	1,062	1,185	1,070	852	743	587	517
	T	1,758	2,027	2,144	2,497	2,349	1,782	1,503	1,233	1,032
nder Bay	M	5,709	5,925	6,288	7,611	7,546	7,063	6,089	4,416	3,979
	F	5,451	5,768	6,023	7,249	7,277	6,507	5,665	4,330	3,750
	T	11,160	11,693	12,311	14,860	14,823	13,570	11,754	8,746	7,729

Table 2.4 (cont'd.)
Estimated Population by Sex and Age Groups, by County and Planning Region, Ontario, June 1, 1980

		45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Tot
Northeastern Ontario	M	15,618	14,864	13,101	10,289	8,881	6,022	4,009	1,926	1,079	290,46
	F	14,652	13,992	13,691	10,882	9,187	6,764	4,743	2,941	2,085	285,64
	T	30,270	28,856	26,792	21,171	18,068	12,786	8,752	4,867	3,164	576,10
Algoma	M	3,774	3,591	3,062	2,310	1,938	1,175	787	391	274	65,64
	F	3,501	3,246	3,046	2,354	2,012	1,347	986	658	483	64,51
	T	7,275	6,837	6,108	4,664	3,950	2,522	1,773	1,049	757	130,15
Cochrane	M	2,484	2,317	2,084	1,592	1,302	1,037	766	362	174	48,25
	F	2,179	2,242	2,020	1,587	1,355	1,088	772	450	298	46,26
	T	4,663	4,559	4,104	3,179	2,657	2,125	1,538	812	472	94,52
Manitoulin	M	262	267	234	225	201	204	126	70	34	5,47
	F	259	242	252	261	248	254	152	111	69	5,63
	T	521	509	486	486	449	458	278	181	103	11,10
Nipissing	M	2,248	1,999	1,699	1,415	1,181	804	501	289	164	39,87
	F	2,103	1,966	1,960	1,579	1,333	1,025	737	503	370	40,48
	T	4,351	3,965	3,659	2,994	2,514	1,829	1,238	792	534	80,36
Parry Sound	M	897	829	817	801	816	649	420	224	106	16,81
	F	821	860	1,008	980	861	651	469	280	216	16,70
	T	1,718	1,689	1,825	1,781	1,677	1,300	889	504	322	33,52
Sudbury (R.M.)	M	4,231	4,204	3,727	2,648	2,136	1,221	779	336	183	80,64
	F	4,155	3,899	3,682	2,620	2,040	1,391	948	534	392	78,67
	T	8,386	8,103	7,409	5,268	4,176	2,612	1,727	870	575	159,32
Sudbury (T.D.)	M	691	650	597	500	460	311	183	68	46	13,37
	F	612	572	598	491	395	288	183	97	57	12,62
	T	1,303	1,222	1,195	991	855	599	366	165	103	26,00
Timiskaming	M	1,031	1,007	881	798	847	621	447	186	98	20,36
	F	1,022	965	1,125	1,010	943	720	496	308	200	20,73
	T	2,053	1,972	2,006	1,808	1,790	1,341	943	494	298	41,10
Northwestern Ontario	M	6,002	6,161	5,803	4,515	3,883	2,684	1,799	924	472	117,98
	F	5,619	5,806	5,977	4,837	4,129	2,891	2,179	1,277	1,095	114,99
	T	11,621	11,967	11,780	9,352	8,012	5,575	3,978	2,201	1,567	232,97
Kenora	M	1,521	1,308	1,197	960	866	601	338	189	100	29,70
	F	1,287	1,232	1,205	990	892	560	395	225	185	28,29
	T	2,808	2,540	2,402	1,950	1,758	1,161	733	414	285	58,00
Rainy River	M	520	599	545	500	431	306	182	100	62	11,72
	F	574	562	597	569	425	339	252	151	132	11,44
	T	1,094	1,161	1,142	1,069	856	645	434	251	194	23,17
Thunder Bay	M	3,961	4,254	4,061	3,055	2,586	1,777	1,279	635	310	76,54
	F	3,758	4,012	4,175	3,278	2,812	1,992	1,532	901	778	75,25
	T	7,719	8,266	8,236	6,333	5,398	3,769	2,811	1,536	1,088	151,80

1) Regional Municipality
2) Territorial District

Source: Ministry of Treasury and Economics, Central Statistical Services.

Table 2.5
Population by Sex and Age Group, Ontario, 1975-1980

Age Group	1975			1976[1]			1977		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
				'000's					
Total	8,172.2	4,055.9	4,116.4	8,264.5	4,096.9	4,167.6	8,355.0	4,137.1	4,217.9
0-4	624.2	320.4	303.8	607.2	311.7	295.5	603.8	309.4	294.3
5-9	675.4	345.9	329.5	667.8	342.0	325.9	657.2	337.1	320.1
10-14	816.8	418.5	398.4	798.8	409.3	389.5	776.8	398.1	378.7
15-19	787.2	400.8	386.4	808.0	412.7	395.3	820.7	419.9	400.8
20-24	727.9	360.8	367.0	744.4	368.3	376.1	764.7	379.2	385.4
25-29	696.3	347.5	348.8	715.8	356.4	359.5	708.8	351.6	357.2
30-34	566.4	285.9	280.6	586.4	295.7	290.8	627.9	315.6	312.3
35-39	482.1	243.7	238.3	490.0	247.3	242.7	503.1	253.3	249.8
40-44	476.1	242.6	233.5	474.6	240.8	233.8	472.9	239.4	233.5
45-49	472.6	238.0	234.6	471.9	239.0	233.0	471.9	239.5	232.4
50-54	457.3	223.5	233.8	465.0	227.1	237.9	464.1	227.5	236.7
55-59	353.3	172.0	181.4	369.4	179.0	190.4	390.8	188.5	202.3
60-64	321.2	155.2	166.0	326.3	157.5	168.8	328.2	157.5	170.7
65-69	251.3	116.0	135.2	260.9	120.6	140.4	271.7	125.9	145.8
70-74	192.5	84.4	108.1	197.3	86.4	110.9	202.8	88.1	114.7
75-79	132.5	52.4	80.0	137.0	54.4	82.7	141.4	56.6	84.8
80-84	80.8	29.2	51.6	83.0	29.7	53.3	85.3	30.2	55.2
85-89	40.6	13.5	27.1	41.5	13.5	28.0	42.9	13.7	29.2
90+	17.8	5.5	12.3	19.3	5.9	13.4	20.1	6.0	14.1

Table 2.5 (cont'd)

Age Group	1978			1979[3]			1980		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
				'000's					
Total	8,444.3	4,177.0	4267.3	8,504.5	4,203.0	4,301.5	8,574.4	4,234.8	4,339.6
0–4	603.3	308.8	294.4	603.6	308.9	294.7	603.6	308.9	294.7
5–9	650.5	334.0	316.5	638.4	327.6	310.8	624.9	320.8	304.1
0–14	743.5	380.9	362.7	709.0	363.1	345.9	686.1	351.5	334.5
5–19	833.5	426.8	406.8	837.8	429.0	408.8	834.4	427.1	407.2
0–24	784.5	390.9	393.6	798.3	400.4	397.8	810.7	409.4	401.2
5–29	712.4	352.0	360.3	718.3	354.1	364.3	735.2	362.1	373.1
0–34	655.4	328.3	327.1	673.0	336.1	336.9	689.6	343.1	346.5
5–39	523.8	263.6	260.2	542.5	272.5	269.9	559.9	281.2	278.8
0–44	470.6	237.6	233.0	473.2	238.6	234.6	477.3	240.2	237.1
5–49	473.5	240.6	232.8	473.1	240.0	233.1	469.5	237.4	232.1
0–54	463.5	228.0	235.6	461.4	228.2	233.2	462.2	229.9	232.2
5–59	413.9	198.9	215.0	433.8	208.1	225.7	443.5	212.3	231.1
0–64	328.0	156.6	171.3	328.0	155.7	172.3	336.7	159.3	177.4
5–69	280.0	129.9	150.2	288.5	134.2	154.3	298.4	138.5	159.9
0–74	208.7	90.3	118.4	215.3	92.9	122.4	221.0	95.9	125.1
5–79	146.8	59.0	87.9	151.9	61.4	90.6	156.4	62.9	93.5
0–84	87.3	30.7	56.7	90.7	31.6	59.1	94.9	33.3	61.5
5–89	44.2	14.1	30.1	45.4	14.3	31.1	46.7	14.3	32.3
0+	20.9	6.1	14.8	22.3	6.3	16.0	23.7	6.6	17.0

) Census figures (rounded).
) Postcensal preliminary estimates.
) Final Postcensal estimates.

ource: SC, *Revised Annual Estimates of Population, by Sex and Age Group, Canada and the Provinces.*
Estimated Population by Sex and Age Group for Canada and Provinces.

Table 2.6
Population Projections[1], by Planning Regions and Counties[2], Ontario, Selected Years 1976–2001

	1976	1981	1986	1991	1996	2001
Ontario	8,264,465	8,730,886	9,174,574	9,560,847	9,861,955	10,085,465
Eastern Ontario	1,149,299	1,200,113	1,248,081	1,286,370	1,310,234	1,322,403
Dundas	18,507	17,104	15,674	14,167	12,491	10,627
Frontenac	108,052	112,953	117,141	120,034	121,461	121,826
Glengarry	19,270	19,055	19,003	18,930	18,639	18,161
Grenville	26,025	27,804	29,856	31,947	33,930	35,682
Hastings	105,837	111,104	116,726	121,788	125,593	128,287
Lanark	44,197	43,420	42,761	41,905	40,706	39,175
Leeds	52,579	54,436	56,442	58,301	59,716	60,699
Lennox & Addington	32,633	32,812	32,876	32,779	32,411	31,787
Ottawa-Carleton (R.M.)	520,533	553,226	582,089	604,576	619,782	629,315
Prescott	29,100	31,088	33,283	35,441	37,212	38,654
Prince Edward	22,559	23,083	23,655	24,212	24,516	24,618
Renfrew	89,099	89,049	89,143	88,733	87,096	84,522
Russell	19,735	22,864	26,206	29,697	33,078	36,281
Stormont	61,173	62,115	63,226	63,860	63,603	62,769
Central Ontario	5,050,849	5,374,382	5,676,251	5,941,179	6,156,446	6,325,563
Brant	99,099	105,800	112,694	119,245	124,988	129,852
Dufferin	28,528	36,157	44,283	52,835	61,433	69,796
Durham (R.M.)	247,473	282,496	318,843	355,393	390,212	422,353
Haldimand-Norfolk (R.M.)	89,252	93,325	97,666	101,819	105,298	108,060
Haliburton	10,795	11,891	13,138	14,415	15,660	16,847
Halton (R.M.)	228,497	261,026	295,098	329,594	362,260	392,002
Hamilton-Wentworth (R.M.)	409,490	423,784	436,027	444,504	448,376	448,331
Muskoka (D.M.)	36,691	39,759	43,177	46,613	49,838	52,789
Niagara (R.M.)	365,438	380,712	395,784	409,003	418,589	424,274
Northumberland	64,441	68,123	72,318	76,553	80,338	83,590
Peel (R.M.)	375,910	459,296	545,089	632,972	720,064	803,859
Peterborough	99,930	104,233	108,676	112,604	115,496	117,439
Simcoe	210,691	235,810	261,934	287,913	312,452	335,223
Toronto (M.M.)	2,124,291	2,088,174	2,019,188	1,915,633	1,783,179	1,632,823
Victoria	43,543	45,720	48,302	50,941	53,366	55,532
Waterloo (R.M.)	289,129	325,871	362,248	397,179	429,893	460,205
Wellington	123,736	143,206	163,403	183,606	203,007	221,393
York (R.M.)	203,915	268,999	338,383	410,357	481,997	551,195
Southwestern Ontario	1,247,176	1,309,486	1,372,638	1,430,200	1,477,314	1,514,000
Bruce	57,472	62,220	67,578	73,190	78,630	83,723
Elgin	69,092	71,730	74,584	77,389	79,839	81,723
Essex	310,362	326,256	342,032	356,420	368,199	377,317
Grey	72,176	78,043	84,644	91,500	98,059	104,058
Huron	56,007	57,033	58,540	60,088	61,334	62,179
Kent	106,130	110,563	115,053	119,003	121,943	123,979
Lambton	120,576	129,706	139,148	147,942	155,451	161,787
Middlesex	303,745	315,698	325,626	332,423	335,884	336,727
Oxford	85,337	91,782	98,560	105,136	111,148	116,450
Perth	66,279	66,455	66,873	67,109	66,827	66,057

Table 2.6 (cont'd)

Population Projections[1], by Planning Regions and Counties, Ontario, Selected Years 1976–2001

	1976	1981	1986	1991	1996	2001
Northeastern Ontario	583,746	606,180	629,813	649,709	661,433	666,052
Algoma	122,883	129,240	135,809	141,446	145,237	147,448
Cochrane	96,825	98,104	99,251	99,650	98,728	96,666
Manitoulin	10,893	11,068	11,442	11,898	12,308	12,618
Nipissing	81,739	86,843	92,457	97,741	101,791	104,728
Parry Sound	32,654	32,856	33,285	33,747	33,881	33,791
Sudbury (R.M.)	167,705	176,831	185,816	193,231	198,088	200,871
Sudbury (T.D.)	27,287	27,517	27,855	28,072	27,930	27,418
Timiskaming	43,760	43,721	43,898	43,924	43,470	42,513
Northwestern Ontario	233,395	240,725	247,791	253,389	256,528	257,447
Kenora	57,980	56,567	54,906	52,850	50,191	46,869
Rainy River	24,768	23,907	23,062	22,086	20,800	19,324
Thunder Bay	150,647	160,251	169,823	178,453	185,537	191,254

1) Projections based on the following assumptions: low fertility; 30,000 net external migration per annum; internal migration at 0.54 per cent of Ontario population.
2) R.M.–Regional Municipality, D.M.–District Municipality, M.M.–Metropolitan Municipality, T.D.–Territorial District.

Source: Ministry of Treasury and Economics, Central Statistical Services.

Table 2.7

Population Projections[1], by Age Groups, Ontario, Selected Years 1976–2001

Age Groups	1976[r]	1981[r]	1986[r]	1991[r]	1996[r]	2001[r]
Ontario	8,264,465	8,730,886	9,174,574	9,560,847	9,861,955	10,085,465
0- 4	607,205	604,124	617,906	599,533	554,221	517,628
5- 9	667,815	618,519	615,523	629,411	611,245	566,222
10-14	798,760	677,827	628,561	625,613	639,498	621,370
15-19	807,990	806,602	685,971	636,833	633,930	647,775
20-24	744,365	827,080	825,736	705,594	656,646	653,790
25-29	715,820	770,887	853,255	851,935	732,274	683,564
30-34	586,450	733,364	788,376	870,388	869,158	749,999
35-39	489,990	594,757	740,928	795,696	877,286	876,030
40-44	474,550	492,658	596,542	741,472	795,818	876,655
45-49	471,910	472,212	490,225	592,793	735,794	789,580
50-54	465,005	464,397	464,806	482,622	583,080	723,066
55-59	369,375	451,090	450,624	451,086	468,477	565,626
60-64	326,305	352,038	429,483	428,985	429,594	446,367
65-69	260,930	300,949	325,460	396,770	396,339	397,196
70-74	197,270	228,720	264,019	286,617	349,566	349,200
75-79	137,020	160,966	187,262	216,587	236,506	288,892
80-84	82,955	100,948	118,893	139,061	161,307	177,708
85+	60,750	73,748	91,004	109,851	131,216	154,797

1) Projections based on the following assumptions: low fertility; 30,000 net external migration per annum.

Source: Ministry of Treasury and Economics, Central Statistical Services.

Table 2.8
Population by Marital Status and Sex, Ontario, Census Years, 1956–1976

	1956	1961	1966	1971	1976
Total	5,404,933	6,236,092	6,960,870	7,703,105	8,264,465
Male	2,721,519	3,134,528	3,479,149	3,840,905	4,096,865
Female	2,683,414	3,101,564	3,481,721	3,862,200	4,167,600
Married[1]	2,603,001	2,942,513	3,216,166	3,645,855	4,052,515
Male	1,304,392	1,472,841	1,605,648	1,821,220	2,019,495
Female	1,298,609	1,469,672	1,610,518	1,824,635	2,033,020
Separated[1]	..	..	..	144,110	160,700
Male	..	..	..	63,020	68,590
Female	..	..	..	81,095	92,110
Widowed	268,709	291,767	326,050	358,235	395,490
Male	67,576	68,757	67,356	68,340	68,285
Female	201,133	223,010	258,694	289,890[r]	327,210
Divorced	14,598	21,776	25,731	70,095	110,355
Male	5,529	8,548	9,433	28,215[r]	41,820
Female	9,069	13,228	16,298	41,875[r]	68,535
Never Married	2,518,625	2,980,036	3,392,923	3,628,920	3,706,100
Male	1,344,022	1,584,382	1,796,712	1,923,130	1,967,265
Female	1,174,603	1,395,654	1,596,211	1,705,795	1,738,840

1) "Separated" are included in "married".

Source: SC, *Population, Marital Status.*

Table 2.9
Population by Marital Status, by County, Ontario, 1971 and 1976

	1971				
	Total[7]	Married[1]	Widowed	Divorced	Never Married
Ontario	7,703,105	3,645,860	358,230	70,095	3,628,920
Algoma	121,940	54,555	4,475	935	61,970
Brant	96,765	46,470	5,185	860	44,245
Bruce	47,385	22,055	2,885	220	22,220
Cochrane	95,835	41,320	3,660	390	50,465
Dufferin	21,200	10,130	1,040	115	9,915
Dundas	17,460	8,295	980	60	8,120
Durham	47,490	22,610	2,055	305	22,520
Elgin	66,610	31,805	4,000	650	30,155
Essex	306,395	144,165	15,695	3,210	143,325
Frontenac	101,695	47,200	4,780	1,150	48,555
Glengarry	18,480	7,890	980	50	9,555
Grenville	24,315	11,555	1,350	165	11,245
Grey	66,405	31,975	3,950	385	30,095
Haldimand	32,675	15,210	1,685	170	15,605
Haliburton	9,080	4,680	530	60	3,810
Halton	190,465	93,175	5,480	1,205	90,605
Hastings	99,390	46,600	4,985	750	47,055
Huron	52,950	24,685	3,045	190	25,030
Kenora	53,230	23,260	1,975	255	27,740
Kent	101,115	47,390	5,315	805	47,605
Lambton	114,315	54,230	5,165	965	53,960
Lanark	42,255	18,775	2,630	265	20,585
Leeds	50,090	23,760	2,890	440	23,000
Lennox-Addington	28,360	13,405	1,350	200	13,405
Manitoulin	10,930	4,435	710	35	5,750
Middlesex	282,015	134,110	13,450	2,945	131,505
Muskoka[2]	31,940	15,515	1,885	235	14,300
Niagara[3]	347,330	167,375	16,780	2,820	160,355
Nipissing	78,865	34,165	3,235	425	41,050
Norfolk	54,100	26,135	2,905	435	24,620
Northumberland	48,160	22,895	2,675	365	22,235
Ontario	196,260	94,315	7,505	1,370	93,065
Ottawa-Carleton[4]	471,930	213,540	20,760	4,220	233,415
Oxford	80,350	38,240	4,165	560	37,380
Parry Sound	30,245	14,225	1,840	175	14,005
Peel	259,405	126,980	6,710	1,635	124,075
Perth	62,975	29,495	3,605	360	29,510
Peterborough	87,805	41,530	4,655	765	40,855
Prescott	27,835	11,770	1,310	45	14,710
Prince Edward	20,640	9,840	1,190	135	9,475
Rainy River	25,750	11,705	1,125	135	12,785
Renfrew	90,875	40,325	4,215	370	45,965
Russell	16,285	6,790	720	30	8,740
Simcoe	171,435	79,685	8,455	1,370	81,920
Stormont	61,300	27,705	3,105	360	30,130
Sudbury	198,080	88,720	5,620	975	102,765
Thunder Bay	145,390	66,475	6,795	990	71,125
Timiskaming	46,485	20,650	2,415	270	23,150
Toronto[5]	2,086,020	1,009,840	101,655	27,130	947,400
Victoria	34,240	16,730	2,185	205	15,120
Waterloo	254,040	122,130	10,320	2,095	119,495
Wellington	108,585	51,055	5,175	705	51,645
Wentworth	401,885	194,960	20,335	4,065	182,520
York[6]	166,060	79,325	6,640	1,045	79,050

1) Includes "Separated".
2) District Municipality, comprising the former Territorial District of Muskoka as well as part of the Unorganized Township of Finlayson in the Territorial District of Nipissing.
3) Regional Municipality, comprising the former counties of Lincoln and Welland.

Table 2.9 (cont'd)
Population by Marital Status, by County, Ontario, 1971 and 1976

	1976				
	Total[7]	Married[1]	Widowed	Divorced	Never Married
Ontario	8,264,465	4,052,515	395,490	110,355	3,706,100
Algoma	122,880	57,670	4,980	1,410	58,820
Brant	99,100	49,285	5,475	1,355	42,980
Bruce	57,475	28,415	3,080	345	25,630
Cochrane	96,825	44,235	4,065	590	47,930
Dufferin	28,525	14,345	1,165	205	12,820
Dundas	18,510	9,205	995	125	8,180
Durham	247,475	124,845	9,205	2,550	110,870
Elgin	69,095	34,135	4,080	905	29,975
Essex	310,360	150,025	17,245	4,720	138,380
Frontenac	108,055	52,095	5,125	1,755	49,080
Glengarry	19,270	8,920	1,075	110	9,165
Grenville	26,025	12,955	1,480	255	11,335
Grey	72,175	36,385	4,250	685	30,860
Haldimand-Norfolk	89,250	44,750	4,885	940	38,680
Haliburton	10,795	5,895	645	100	4,160
Halton	228,500	116,745	6,935	2,165	102,655
Hamilton-Wentworth	409,490	204,380	21,595	6,495	177,020
Hastings	105,835	52,450	5,545	1,315	46,525
Huron	56,010	27,555	3,125	370	24,965
Kenora	57,980	26,275	2,210	460	29,035
Kent	106,130	52,030	5,700	1,125	47,270
Lambton	120,575	60,005	5,380	1,490	53,705
Lanark	44,200	20,990	2,880	455	19,875
Leeds	52,580	26,160	3,035	750	22,635
Lennox-Addington	32,635	16,495	1,425	325	14,385
Manitoulin	10,895	4,665	715	60	5,460
Middlesex	303,745	148,550	14,835	4,720	135,640
Muskoka[2]	36,690	18,855	2,050	455	15,325
Niagara[3]	365,435	183,155	19,020	4,775	158,485
Nipissing	81,735	37,655	3,700	710	39,670
Northumberland	64,440	32,850	3,500	695	27,400
Ottawa-Carleton[4]	520,530	246,070	23,240	7,445	243,780
Oxford	85,335	42,260	4,455	845	37,785
Parry Sound	32,655	16,400	1,940	300	14,020
Peel	375,910	190,525	9,770	3,980	171,630
Perth	66,280	32,400	3,680	515	29,690
Peterborough	99,930	50,085	5,275	1,310	43,265
Prescott	29,100	13,460	1,460	165	14,015
Prince Edward	22,560	11,295	1,240	220	9,805
Rainy River	24,765	11,680	1,230	220	11,635
Renfrew	89,100	42,190	4,505	630	41,770
Russell	19,735	9,280	775	90	9,590
Simcoe	210,690	104,670	10,105	2,315	93,600
Stormont	61,170	29,420	3,420	640	27,690
Sudbury(R.M.)	167,705	79,525	5,680	1,405	81,090
Sudbury(T.D.)	27,285	12,560	995	180	13,550
Thunder Bay	150,645	71,935	7,290	1,655	69,760
Timiskaming	43,760	20,505	2,610	450	20,190
Toronto[5]	2,124,290	1,036,725	110,210	38,670	938,680
Victoria	43,545	22,780	2,500	430	17,830
Waterloo	289,130	143,620	11,925	3,435	130,150
Wellington	123,735	60,510	5,810	1,220	56,200
York[6]	203,915	102,640	7,980	1,840	91,460

4) Regional Municipality, comprising the former county of Carleton as well as Cumberland Township in Russell County.
5) Metropolitan Municipality, comprising that part of former York County previously known as "Toronto Metropolitan Corporation"
6) Regional Municipality, comprising that part of the former York County outside the old "Toronto Metropolitan Corporation".
7) Figures may not add due to rounding methodology. Please see definitions.

Source: SC, *Population, Marital Status.*

able 2.10
opulation by Mother Tongue in Official Languages and Other, by County, Canada and ntario, 1976

	English	French	Other[1]	Total
anada	14,122,770	5,887,205	2,982,635	22,992,600
ntario	6,457,645	462,070	1,344,750	8,264,465
Algoma	95,790	10,825	16,265	122,880
Brant	87,745	1,090	10,265	99,100
Bruce	53,735	750	2,985	57,470
Cochrane	42,155	46,355	8,315	96,825
Dufferin	26,415	240	1,875	28,530
Dundas	17,010	695	800	18,505
Durham	218,010	4,215	25,245	247,470
Elgin	60,610	665	7,815	69,090
Essex	234,615	21,795	53,950	310,360
Frontenac	96,710	2,165	9,175	108,050
Glengarry	10,700	7,835	735	19,270
Grenville	23,925	670	1,430	26,025
Grey	67,970	305	3,905	72,180
Haldimand-Norfolk	77,450	1,350	10,450	89,250
Haliburton	10,310	80	405	10,795
Halton	198,960	4,035	25,505	228,500
Hamilton-Wentworth	324,160	6,730	78,600	409,490
Hastings	99,795	1,555	4,485	105,835
Huron	52,420	435	3,155	56,010
Kenora	39,290	1,985	16,705	57,980
Kent	92,160	5,060	8,910	106,130
Lambton	107,380	3,440	9,755	120,575
Lanark	42,245	650	1,300	44,195
Leeds	49,260	865	2,455	52,580
Lennox & Addington	31,050	400	1,185	32,635
Manitoulin	9,090	95	1,710	10,895
Middlesex	264,375	3,055	36,315	303,745
Muskoka	34,390	475	1,830	36,695
Niagara	288,550	16,120	60,770	365,440
Nipissing	53,340	24,385	4,015	81,740
Northumberland	60,840	590	3,015	64,445
Ottawa-Carleton	366,645	99,510	54,380	520,535
Oxford	76,190	895	8,255	85,340
Parry Sound	30,485	750	1,415	32,650
Peel	303,680	5,550	66,680	375,910
Perth	60,640	275	5,365	66,280
Peterborough	94,675	745	4,510	99,930
Prescott	5,595	22,850	655	29,100
Prince Edward	21,595	140	825	22,560
Rainy River	20,835	720	3,210	24,765
Renfrew	79,185	4,000	5,915	89,100
Russell	4,090	15,160	485	19,735
Simcoe	188,020	7,975	14,695	210,690
Stormont	39,730	18,830	2,615	61,175
Sudbury(R.M.)	97,805	49,690	20,210	167,705
Sudbury(T.D.)	15,595	9,980	1,710	27,285
Thunder Bay	114,565	6,435	29,645	150,645
Timiskaming	29,485	11,655	2,620	43,760
Toronto, Metropolitan	1,477,150	30,635	616,505	2,124,290
Victoria	41,375	280	1,890	43,545
Waterloo	233,355	4,175	51,600	289,130
Wellington	109,050	1,050	13,640	123,740
York	177,450	1,890	24,575	203,915

[1] Includes Baltic Languages, Celtic Languages, Chinese, Japanese, Croation, Serbian etc, Czeck and Slovak, German, Greek, Indo-Pakistan, Inuit, Italian, Magyar (Hungarian), Native Indian, Netherlandic and Flemish, Polish, Portuguese, Russian, Scandinavian, Spanish, Ukrainian, Yiddish, and Not Stated, as in Table 2.11 for Ontario.

Source: S.C. Catalogue 92-821 (Bulletin 2.2).

Table 2.11
Population by Mother Tongue and Sex, Ontario, 1976

Mother Tongue	Male	Female	Total
English	3,187,490	3,270,155	6,457,645
French	226,180	235,890	462,070
Armenian	2,060	2,025	4,085
Bulgarian	660	460	1,125
Celtic Languages	1,360	1,440	2,800
Chinese	26,305	25,350	51,660
Croatian	7,805	7,255	15,060
Czech	5,915	5,075	10,985
Danish	3,610	3,005	6,615
Estonian	4,535	4,845	9,380
Finnish	9,510	10,865	20,380
Flemish	2,130	2,280	4,410
German	75,600	79,030	154,625
Greek	24,885	23,320	48,205
Icelandic	135	185	320
Indo-Pakistani	14,515	12,525	27,045
Inuit (Eskimo)	30	35	70
Iranian	360	230	590
Italian	161,200	148,615	309,810
Japanese	2,790	2,995	5,785
Lettish	4,255	4,345	8,600
Lithuanian	4,250	3,855	8,100
Magyar (Hungarian)	19,665	18,315	37,980
Native Indian	10,660	10,560	21,215
Netherlandic	31,845	30,075	61,920
Norwegian	915	765	1,680
Polish	28,960	28,090	57,050
Portuguese	44,510	43,985	88,495
Romanian	1,740	1,605	3,345
Russian	2,845	3,175	6,015
Semitic Languages	12,020	9,505	21,525
Serbian	1,790	1,510	3,295
Slovak	4,350	4,095	8,445
Slovenian	1,965	1,905	3,870
Spanish	11,705	11,540	23,240
Swedish	1,535	1,535	3,070
Turkish	955	765	1,715
Ukrainian	38,410	37,625	76,035
Yiddish	4,855	5,320	10,175
Yugoslav, N.O.S.[2]	18,350	16,910	35,260
Other	11,440	13,230	24,670
Not Stated	82,780	83,295	166,080

1) Figures may not add due to rounding methodology. Please see definition.
2) Not Otherwise Stated (N.O.S.) includes also a number of Yugoslav Languages over and above the Croatian, Serbian and Slovenian designations.

Source: SC, *Population: Demographic Characteristics; Mother Tongue*, Catalogue 92-821 (Bulletin 2.2)

Table 2.12
Mother Tongue by Age Group[1], by County, Canada and Ontario, 1976

	English						
	Total	0-4	5-14	15-24	25-44	45-64	65+
Canada	14,122,765	1,155,510	2,783,890	2,862,320	3,608,885	2,529,170	1,183,000
Ontario	6,457,645	505,755	1,245,830	1,286,305	1,669,050	1,192,475	558,230
Algoma	95,790	8,635	21,415	20,700	23,775	15,705	5,570
Brant	87,745	6,945	16,935	17,060	21,065	16,930	8,815
Bruce	53,735	4,735	10,210	9,670	12,760	9,770	6,590
Cochrane	42,155	4,185	9,435	9,010	10,275	6,600	2,660
Dufferin	26,415	2,525	5,705	4,280	7,375	4,135	2,400
Dundas	17,005	1,300	3,285	3,045	3,990	3,275	2,110
Durham	218,010	19,310	45,985	41,395	61,390	34,840	15,080
Elgin	60,615	4,890	11,730	10,875	14,315	11,675	7,125
Essex	234,610	20,175	49,415	48,505	56,190	40,615	19,720
Frontenac	96,710	6,720	17,070	21,020	25,130	18,200	8,580
Glengarry	10,700	750	2,090	1,950	2,220	2,160	1,535
Grenville	23,925	1,865	4,685	4,255	5,760	4,565	2,800
Grey	67,970	4,945	12,410	12,215	15,590	13,860	8,955
Haldimand-Norfolk	77,450	6,150	15,515	15,395	18,380	14,240	7,770
Haliburton	10,310	675	1,765	1,620	2,290	2,385	1,595
Halton	198,960	16,670	43,000	36,980	57,200	34,065	11,050
Hamilton-Wentworth	324,160	23,885	60,550	66,695	79,355	63,875	29,785
Hastings	99,800	7,395	19,160	19,420	24,160	19,750	9,915
Huron	52,420	4,230	10,240	9,735	11,500	10,180	6,545
Kenora	39,285	3,785	8,425	8,365	10,140	6,265	2,315
Kent	92,160	7,905	18,505	18,535	21,970	16,460	8,790
Lambton	107,380	8,870	20,955	22,315	25,915	20,275	9,045
Lanark	42,245	2,785	7,305	8,200	10,015	8,510	5,435
Leeds	49,260	3,465	8,865	8,950	11,895	10,160	5,935
Lennox-Addington	31,045	2,670	6,125	5,575	8,130	5,485	3,070
Manitoulin	9,090	730	1,930	1,550	1,880	1,725	1,275
Middlesex	264,370	20,375	48,625	54,620	68,320	48,380	24,050
Muskoka	34,390	2,440	5,940	6,270	8,010	7,285	4,445
Niagara	288,550	23,045	59,350	57,690	69,595	54,215	24,645
Nipissing	53,340	4,550	11,735	10,790	13,765	8,915	3,590
Northumberland	60,840	4,470	11,350	10,980	14,250	12,545	7,245
Ottawa-Carleton	366,645	25,705	66,575	77,510	101,150	69,035	26,670
Oxford	76,190	6,375	14,680	14,775	18,050	14,295	8,025
Parry Sound	30,485	2,105	5,825	5,330	6,905	6,465	3,855
Peel	303,680	29,890	68,570	56,180	94,850	42,720	11,480
Perth	60,640	4,805	11,505	11,915	13,730	11,655	7,025
Peterborough	94,675	6,705	17,020	18,080	22,930	20,000	9,935
Prescott	5,590	410	1,025	960	1,365	1,095	740
Prince Edward	21,600	1,415	3,865	4,030	4,815	4,760	2,705
Rainy River	20,840	1,920	4,485	4,315	4,740	3,795	1,575
Renfrew	79,185	6,185	15,985	16,430	19,020	14,465	7,095
Russell	4,090	405	910	710	1,295	505	265
Simcoe	188,020	15,735	36,300	35,685	47,580	33,995	18,720
Stormont	39,730	3,115	7,650	8,165	9,300	7,460	4,030
Sudbury(R.M.)	97,800	10,045	22,525	21,585	25,760	14,445	3,445
Sudbury(T.D.)	15,595	1,650	3,725	3,190	3,725	2,435	875
Thunder Bay	114,565	10,360	23,915	25,575	28,590	19,290	6,835
Timiskaming	29,485	2,355	5,955	5,900	6,645	5,625	3,010
Toronto	1,477,150	97,995	253,650	297,575	393,950	296,160	137,815
Victoria	41,375	3,000	7,255	7,060	9,565	8,750	5,730
Waterloo	233,350	20,590	46,340	49,405	62,175	38,435	16,405
Wellington	109,045	9,010	21,150	22,090	27,420	18,810	10,565
York	177,455	14,900	37,225	32,150	48,930	31,260	13,000

Table 2.12 (cont'd)
Mother Tongue by Age Group[1], by County, Canada and Ontario 1976

		French					
	Total	0-4	5-14	15-24	25-44	45-64	65+
Canada	5,887,205	413,790	1,046,265	1,223,080	1,662,590	1,101,400	440,080
Ontario	462,070	27,585	75,825	89,290	136,030	96,500	36,835
Algoma	10,825	650	2,040	2,040	3,300	2,150	650
Brant	1,085	40	120	165	360	330	70
Bruce	745	50	115	135	305	120	15
Cochrane	46,355	3,825	10,030	9,875	11,995	7,740	2,890
Dufferin	240	15	15	45	115	45	10
Dundas	695	30	110	105	220	175	50
Durham	4,215	145	555	635	1,775	910	190
Elgin	660	30	60	75	270	175	60
Essex	21,795	830	2,600	2,975	5,710	6,170	3,495
Frontenac	2,170	95	200	480	840	455	110
Glengarry	7,840	605	1,595	1,425	1,845	1,580	795
Grenville	670	20	75	100	240	185	50
Grey	300	10	25	40	115	80	35
Haldimand-Norfolk	1,350	55	130	180	490	355	150
Haliburton	80	5	10	10	20	30	5
Halton	4,035	245	540	655	1,640	835	125
Hamilton-Wentworth	6,730	255	810	1,160	2,335	1,700	470
Hastings	1,555	60	130	245	630	355	130
Huron	435	5	35	65	125	145	65
Kenora	1,980	100	260	300	685	480	165
Kent	5,055	185	565	765	1,340	1,420	780
Lambton	3,440	120	390	535	1,180	960	260
Lanark	650	25	60	80	245	170	75
Leeds	865	30	65	115	325	230	100
Lennox-Addington	400	25	30	65	165	95	20
Manitoulin	90	-	15	15	30	20	10
Middlesex	3,055	65	225	510	1,205	800	245
Muskoka	475	5	20	50	150	155	90
Niagara	16,120	795	2,450	3,010	4,920	3,925	1,020
Nipissing	24,385	1,625	4,965	4,790	6,145	4,750	2,115
Northumberland	590	10	45	90	215	170	60
Ottawa-Carleton	99,515	5,400	15,145	20,795	29,035	20,785	8,345
Oxford	895	50	80	145	340	210	75
Parry Sound	750	15	60	65	205	290	130
Peel	5,550	310	590	830	2,720	960	150
Perth	275	5	10	55	105	70	25
Peterborough	745	20	40	115	245	225	100
Prescott	22,855	1,665	4,575	4,750	5,570	4,245	2,040
Prince Edward	135	-	15	20	55	45	5
Rainy River	720	20	60	90	190	230	120
Renfrew	4,000	135	460	675	1,130	1,115	485
Russell	15,160	1,245	3,180	2,945	4,015	2,470	1,305
Simcoe	7,970	325	1,020	1,805	2,330	1,685	805
Stormont	18,830	1,090	3,195	3,590	4,795	4,210	1,945
Sudbury(R.M.)	49,690	3,980	10,090	10,700	13,830	8,540	2,545
Sudbury(T.D.)	9,975	760	2,150	1,865	2,530	1,970	705
Thunder Bay	6,435	345	950	1,180	1,940	1,580	440
Timiskaming	11,655	865	2,420	2,305	2,955	2,185	930
Toronto	30,630	1,070	2,740	5,345	12,070	7,395	2,005
Victoria	275	-	25	35	95	75	40
Waterloo	4,175	215	465	805	1,680	845	175
Wellington	1,050	50	100	220	400	215	70
York	1,890	70	195	225	865	445	100

Table 2.12 (cont'd)
Mother Tongue by Age Group[1], by County, Canada and Ontario, 1976

	Other than English or French[2]						
	Total	0-4	5-14	15-24	25-44	45-64	65+
Canada	2,982,635	162,695	334,030	393,660	946,080	766,900	379,265
Ontario	1,344,750	73,870	144,920	176,760	461,725	343,615	143,855
Algoma	16,265	715	1,760	2,005	4,880	5,085	1,805
Brant	10,270	400	795	1,160	3,240	3,185	1,485
Bruce	2,995	120	250	305	990	805	520
Cochrane	8,315	435	910	1,035	1,960	2,380	1,595
Dufferin	1,870	60	150	200	790	500	165
Dundas	810	25	45	75	300	275	100
Durham	25,245	955	2,035	2,775	9,200	7,775	2,525
Elgin	7,815	490	990	970	2,440	2,015	905
Essex	53,955	2,800	5,635	6,640	16,120	14,255	8,500
Frontenac	9,175	460	895	1,460	3,330	2,230	800
Glengarry	730	20	55	115	185	250	95
Grenville	1,430	35	115	130	470	505	170
Grey	3,905	155	300	375	1,120	1,275	675
Haldimand-Norfolk	10,455	395	710	1,045	2,885	3,270	2,150
Haliburton	405	10	35	30	95	150	85
Halton	25,500	1,120	2,280	2,750	10,510	6,950	1,885
Hamilton-Wentworth	78,600	3,705	7,775	9,860	25,255	22,705	9,305
Hastings	4,480	160	375	570	1,560	1,295	530
Huron	3,150	110	215	290	1,045	1,015	470
Kenora	16,715	2,035	3,850	2,685	3,805	3,000	1,330
Kent	8,915	350	690	880	2,820	2,535	1,640
Lambton	9,760	355	765	1,050	3,610	2,870	1,095
Lanark	1,300	55	135	165	405	380	150
Leeds	2,455	90	175	295	860	725	295
Lennox-Addington	1,185	35	90	140	430	350	125
Manitoulin	1,715	150	390	375	345	280	170
Middlesex	36,320	1,640	3,170	4,860	13,335	9,635	3,680
Muskoka	1,825	70	110	125	520	650	335
Niagara	60,770	1,845	4,825	6,530	17,605	19,800	10,160
Nipissing	4,015	155	415	505	1,170	1,170	590
Northumberland	3,010	90	175	285	1,055	1,010	405
Ottawa-Carleton	54,375	3,120	5,625	7,660	20,985	12,625	4,360
Oxford	8,255	360	700	950	2,625	2,395	1,205
Parry Sound	1,420	35	110	120	365	470	295
Peel	66,680	4,705	7,790	8,120	30,260	12,230	3,565
Perth	5,365	245	505	585	1,720	1,525	790
Peterborough	4,505	145	380	565	1,495	1,405	500
Prescott	655	40	75	110	180	160	80
Prince Edward	825	20	45	65	295	285	125
Rainy River	3,210	190	430	355	675	960	625
Renfrew	5,910	175	455	590	1,570	1,905	1,230
Russell	485	35	55	85	180	100	40
Simcoe	14,700	590	1,245	1,700	5,190	4,080	1,910
Stormont	2,615	170	265	345	780	700	370
Sudbury(R.M.)	20,215	825	1,935	2,495	5,470	6,890	2,605
Sudbury(T.D.)	1,720	80	170	220	425	545	270
Thunder Bay	29,645	965	2,415	3,130	7,480	10,020	5,640
Timiskaming	2,620	60	145	240	505	895	760
Toronto	616,510	38,170	72,485	88,105	216,650	145,490	55,625
Victoria	1,895	75	165	200	640	605	230
Waterloo	51,605	3,015	5,930	7,115	16,855	12,305	6,370
Wellington	13,640	635	1,345	1,725	4,890	3,600	1,430
York	24,570	1,240	2,485	2,595	10,120	6,055	2,060

1) 12 age groups were combined to produce these figures.
2) The "Other than English or French" totals includes "Not Stated," persons who did not report a language as mother tongue. It should be noted that the "Not Stated" category includes persons who should have reported English or French as mother tongue.

Table 2.13
Population, by Selected Municipality, Ontario, Census Years, 1951-1976

	1951	1956	1961	1966[1]	1971[1]	1976[3]
Ontario	4,597,542	5,404,933	6,236,092	6,960,870	7,703,106	8,264,465
Toronto	675,754	667,706	672,407	664,584	712,786	633,318
North York (Borough)	85,897	170,110	269,959	399,534	504,150	558,398
Scarborough (Borough)	56,292	139,744	217,286	278,377	334,310	387,149
York (Borough)	101,582	117,553	129,645	134,674	147,301	141,367
East York (Borough)	64,616	69,642	72,409	74,200	104,784	106,950
Etobicoke (Borough)	53,779	103,621	156,035	219,542	282,686	297,109
Hamilton	208,321	239,625	273,991	298,121	309,173	312,003
Ottawa	202,045	222,129	268,206	290,741	302,341	304,462
London	95,343	101,693	169,569	194,416	223,222	240,392
Windsor	120,049	121,980	114,367	192,544	203,300	196,526
Mississauga	..	..	..	..	156,070	250,017
Kitchener	44,867	59,562	74,485	93,255	111,804	131,870
St. Catharines	37,984	39,708	84,472	97,101	109,722	123,351
Thunder Bay	66,108	77,600	90,490	96,548	108,411	111,476
Oshawa	41,545	50,412	62,415	78,082	91,587	107,023
Sudbury	42,410	46,482	80,120	84,888	90,535	97,604
Burlington	6,017	9,127	47,088	65,941	87,023	104,314
Sault Ste. Marie	32,452	37,329	43,088	74,594	80,332	81,048
Niagara Falls	22,874	23,563	22,351	56,891	67,163	69,423
Brantford	36,727	51,869	55,201	59,854	64,421	66,950
Oakville	6,910	9,983	10,366	52,793	61,483	68,950
Guelph	27,386	33,860	39,838	51,377	60,087	67,538
Kingston	33,459	48,618	53,526	59,004	59,047	56,032
Peterborough	38,272	42,698	47,185	56,177	58,111	59,683
Sarnia	34,697	43,447	50,976	54,552	57,644	55,576
North Bay	17,944	21,020	23,781	23,635	49,187	51,639
Cornwall	16,899	18,158	43,639	45,766	47,116	46,121
Welland	15,382	16,405	36,079	39,960	44,397	45,047
Brampton	8,389	12,587	18,467	36,264	41,211	103,459
Cambridge	..	..	..	..	64,794[2]	72,383

1) In years 1966 to 1971 selected municipalities underwent boundary changes. Please see Statistics Canada Catalogue 92-702 for description of boundary changes.
2) Figure adjusted to 1976 boundaries.
3) Selected municipalities underwent boundary changes.

Source: SC, *Population, Census Subdivisions (Historical).*

Table 2.14
Population, by Census Metropolitan Area, Ontario, Selected Years, 1951-1979

Year	Hamilton	Kitchener	London	Ottawa-Hull	St. Catharines-Niagara	Sudbury	Thunder Bay	Toronto	Windsor
					'000's				
1951	260	...	122	282	...	...	...	1,117	158
1961	401	155	227	457	258	127	102	1,919	217
1966	457	192	254	529	285	137	108	2,290	238
1967	471	199	263	547	289	140	109	2,366	243
1968	480	206	270	561	293	144	110	2,435	248
1969	488	213	276	574	296	148	110	2,495	252
1970	494	221	281	590	300	152	111	2,567	255
1971[1]	503	239	253	620	286	158	115	2,602	249
1972[2]	508	245	256	633	289	158	116	2,632	249
1973[2]	512	250	259	646	293	157	117	2,664	248
1974[2]	518	258	263	663	296	157	118	2,716	248
1975[2]	525	266	267	679	299	157	118	2,765	248
1976[1]	529	272	270	693	302	157	119	2,803	248
1977[3]	533	276	272	709	304	156	120	2,833	247
1978[3,p]	536	280	274	726	306	155	121	2,857	246
1979[3,p]	539	284	275	739	307	153	121	2,865	245

1) Census population.
2) Intercensal population estimates.
3) Postcensal population estimates.

Source: SC, *Estimates of Population for the Census Metropolitan Areas of Canada, (91-207)*

Table 2.15
Central City and Suburban Percentage Shares, by Census Metropolitan Area[1], Ontario, Census Years, 1951-1976

	Central City Portion				Suburban Portion			
	1951	1961	1971	1976	1951	1961	1971	1976
Hamilton	79.8	68.3	62.0	58.9	20.2	31.7	38.0	41.1
Kitchener	47.1	48.9	49.3	48.5	52.9	51.1	50.7	51.5
London	71.8	74.8	78.0	88.9	28.2	25.2	22.0	11.1
Ottawa-Hull[2]	64.8	58.7	50.2	43.9	35.2	41.3	49.8	56.1
St. Catharines-Niagara	32.2	33.6	36.2	40.9	67.8	66.4	63.8	59.1
Sudbury	70.6	62.9	58.2	62.2	29.4	37.1	41.8	37.8
Thunder Bay	96.6	96.7	96.7	93.5	3.4	3.3	3.3	6.5
Toronto	55.4	36.6	27.1	22.6	44.6	63.4	72.9	77.4
Windsor	..	81.1	78.6	79.4	..	18.9	21.4	20.6

1) Constant 1971 boundaries were used to compute the population in the CMAs and their component parts prior to 1971. Some 1971 CMAs were not CMAs prior to 1971.
2) The Central City portion of Ottawa-Hull is for Ottawa only; it does not include the Central City portion of Hull.

Source: SC, *Perspective Canada.*

Table 2.16
Urban and Rural Distribution of Population, by County, Ontario, Census Years, 1951-1976

	1951			1956		
	Total	Urban	Rural	Total	Urban	Rural
Ontario	4,597,542	3,375,825	1,221,717	5,404,933	4,102,919	1,302,014
Algoma	64,496	45,786	18,710	82,059	60,364	21,695
Brant	72,857	57,480	15,377	77,992	61,593	16,399
Bruce	41,311	12,821	28,490	42,070	13,185	28,885
Cochrane	83,850	54,241	29,609	86,768	57,310	29,458
Dufferin	14,566	4,433	10,133	15,569	5,132	10,437
Dundas	15,818	5,239	10,579	16,978	5,716	11,262
Durham	30,115	13,031	17,084	35,827	16,787	19,040
Elgin	55,518	24,178	31,340	59,114	28,025	31,089
Essex	217,150	183,784	33,366	246,901	209,198	37,703
Frontenac	66,099	49,327	16,722	76,534	58,290	18,244
Glengarry	17,702	2,204	15,498	18,693	2,487	16,206
Grenville	17,045	6,788	10,257	20,563	8,644	11,919
Grey	58,960	25,980	32,980	60,971	27,666	33,305
Haldimand	24,138	7,905	16,233	26,069	8,818	17,249
Haliburton	7,670	-	7,670	8,012	-	8,012
Halton	44,003	31,031	12,972	68,297	47,877	20,420
Hastings	74,298	38,872	35,426	83,745	44,126	39,619
Huron	49,280	14,788	34,492	51,728	16,331	35,397
Kenora	39,212	16,393	22,819	47,156	20,826	26,330
Kent	79,128	38,229	40,899	85,362	41,668	43,494
Lambton	74,960	47,399	27,561	89,939	59,534	30,405
Lanark	35,601	20,872	14,729	38,025	21,862	16,163
Leeds	38,831	16,873	21,958	43,077	18,866	24,211
Lennox-Addington	19,544	3,897	15,647	21,611	4,273	17,338
Manitoulin	11,214	1,397	9,817	11,060	1,514	9,546
Middlesex	162,139	132,685	29,454	190,897	160,780	30,117
Muskoka[1]	24,713	8,975	15,738	25,134	8,914	16,220
Niagara[2]	212,599	165,077	47,522	261,346	202,645	58,701
Nipissing	50,517	27,397	23,120	60,452	36,120	24,332
Norfolk	42,708	13,971	28,737	46,122	15,778	30,344
Northumberland	33,482	13,780	19,702	38,018	16,246	21,772
Ontario	87,088	59,251	27,837	108,440	75,287	33,153
Ottawa-Carleton[3]	242,247	227,656	14,591	282,630	266,290	16,340
Oxford	58,818	29,309	29,509	65,228	33,471	31,757
Parry Sound	27,371	5,183	22,188	28,095	6,542	21,553
Peel	55,673	26,738	28,935	83,108	59,601	23,507
Perth	52,584	29,905	22,679	55,057	31,686	23,371
Peterborough	60,789	44,033	16,756	67,981	50,008	17,973
Prescott	25,576	8,674	16,902	26,291	11,900	14,391
Prince Edward	18,559	4,287	14,272	21,145	6,075	15,070
Rainy River	22,132	9,386	12,746	25,483	16,214	9,269
Renfrew	66,717	29,032	37,685	78,245	36,834	41,411
Russell	17,666	3,506	14,160	18,994	3,998	14,996
Simcoe	106,482	48,942	57,540	127,016	60,334	66,682
Stormont	48,458	27,694	20,764	56,452	43,024	13,428
Sudbury	109,590	83,082	26,508	141,975	112,815	29,160
Thunder Bay	105,367	79,236	26,131	122,890	96,885	26,005
Timiskaming	50,016	29,602	20,414	50,264	30,136	20,128
Toronto[4]	...	...	...	...	...	...
Victoria	27,127	12,114	15,013	28,248	12,489	15,759
Waterloo	126,123	99,161	26,962	148,774	121,742	27,032
Wellington	66,930	41,568	25,362	75,691	48,729	26,962
Wentworth	266,083	258,117	7,966	316,238	305,775	10,463
York[5]	1,176,622	1,134,516	42,106	1,440,601	1,392,509	48,092

Table 2.16 (cont'd)

Urban and Rural Distribution of Population, by County, Ontario, Census Years 1951-1976

	1961			1966		
	Total	Urban	Rural	Total	Urban	Rural
Ontario	6,236,092	4,823,529	1,412,563	6,960,870	5,593,440	1,367,430
Algoma	111,408	81,496	29,912	113,117	..	..
Brant	83,839	63,635	20,204	90,945	69,529	21,416
Bruce	43,036	15,008	28,028	43,085	15,836	27,249
Cochrane	95,666	63,345	32,321	97,334	67,252	30,082
Dufferin	16,095	5,832	10,263	17,108	6,942	10,166
Dundas	17,162	5,633	11,529	17,106	5,787	11,319
Durham	39,916	18,617	21,299	44,549	21,967	22,582
Elgin	62,862	30,745	32,117	61,912	30,062	31,850
Essex	258,218	210,170	48,048	280,862	..	..
Frontenac	87,534	63,419	24,115	97,138	71,540	25,598
Glengarry	19,217	2,597	16,620	18,181	2,864	15,317
Grenville	22,864	9,269	13,595	23,429	9,305	14,124
Grey	62,005	30,023	31,982	62,592	30,972	31,620
Haldimand	28,197	9,454	18,743	30,020	11,327	18,693
Haliburton	8,928	-	8,928	7,768	-	7,768
Halton	106,967	94,946	12,021	151,924	..	..
Hastings	93,377	55,726	37,651	94,127	63,903	30,224
Huron	53,805	18,126	35,679	54,446	22,366	32,080
Kenora	51,474	24,754	26,720	53,995	26,902	27,093
Kent	89,427	50,816	38,611	96,466	..	..
Lambton	102,131	68,482	33,649	108,236	75,116	33,120
Lanark	40,313	23,026	17,287	41,212	23,810	17,402
Leeds	46,889	23,855	23,034	49,129	25,505	23,624
Lennox - Addington	23,717	4,500	19,217	25,202	6,648	18,554
Manitoulin	11,176	1,527	9,649	10,544	1,441	9,103
Middlesex	221,422	181,536	39,886	249,403	209,291	40,112
Muskoka[1]	26,705	9,193	17,512	27,691	9,644	18,047
Niagara[2]	291,415	228,527	62,888	324,917	267,050	57,867
Nipissing	70,568	43,147	27,421	73,533	46,386	27,147
Norfolk	50,475	17,466	33,009	50,578	19,031	31,547
Northumberland	41,892	17,863	24,029	45,074	20,291	24,783
Ontario	135,895	107,727	28,168	170,818	139,652	31,166
Ottawa - Carleton[3]	352,932	325,050	27,882	413,692	..	..
Oxford	70,499	36,225	34,782	76,018	42,236	33,782
Parry Sound	29,632	9,348	20,284	28,335	8,120	20,215
Peel	111,575	86,989	24,586	172,321	149,534	22,787
Perth	57,452	32,979	24,473	60,424	35,837	24,587
Peterborough	76,375	55,450	20,925	81,959	61,886	20,073
Prescott	27,226	12,780	14,446	27,155	13,313	13,842
Prince Edward	21,108	5,926	15,182	21,307	6,314	14,993
Rainy River	26,531	17,323	9,208	25,816	16,913	8,903
Renfrew	89,635	47,229	42,406	89,453	54,754	34,699
Russell	20,892	5,426	15,466	14,878	..	..
Simcoe	141,271	71,992	69,279	149,132	91,077	58,055
Stormont	57,867	43,639	14,228	59,550	45,766	13,784
Sudbury	165,862	118,405	47,457	174,546	..	..
Thunder Bay	138,518	110,920	27,598	143,673	115,955	27,718
Timiskaming	50,971	33,211	17,760	47,154	30,369	16,785
Toronto[4]	...	...	...	1,881,691	..	..
Victoria	29,750	13,968	15,782	30,917	14,745	16,172
Waterloo	176,754	147,983	28,771	216,728	186,922	29,806
Wellington	84,702	55,097	29,605	94,177	66,072	28,105
Wentworth	358,837	324,341	34,496	383,175	..	..
York[5]	1,733,108	1,688,788	44,320	136,328	..	..

1) District Municipality, comprising the former Territorial District of Muskoka as well as part of the Unorganized Township of Finlayson in the Territorial District of Nipissing.
2) Regional Municipality, comprising the former counties of Lincoln and Welland.
3) Regional Municipality, comprising the former county of Carleton as well as Cumberland Township in Russell County

Table 2.16 (cont'd)

Urban and Rural Distribution of Population, by County, Ontario, Census Years, 1951-1976

	1971[r]			1976		
	Total[6]	Urban	Rural	Total[6]	Urban	Rural
Ontario	7,703,105	6,301,055	1,402,050	8,264,465	6,708,520	1,555,945
Algoma	121,935	94,375	27,560	122,880	93,445	29,435
Brant	96,760	75,465	21,305	99,100	77,905	21,195
Bruce	47,385	18,365	29,020	57,475	22,755	34,720
Cochrane[7]	95,880	66,395	29,485	96,825	69,085	27,740
Dufferin	21,200	10,770	10,430	28,530	16,045	12,480
Dundas	17,460	6,105	11,350	18,510	6,535	11,975
Durham[7]	217,430	171,675	45,755	247,475	199,090	48,385
Elgin	66,610	33,120	33,490	69,090	35,210	33,880
Essex[7]	306,395	245,600	60,800	310,360	243,190	67,170
Frontenac	101,690	74,565	27,125	108,050	78,625	29,430
Glengarry	18,480	3,240	15,240	19,270	3,495	15,775
Grenville	24,315	9,445	14,875	26,025	9,385	16,635
Grey	66,405	33,505	32,900	72,175	35,890	36,290
Haldimand-Norfolk[7]	86,715	33,495	53,220	89,250	35,415	53,840
Haliburton	9,080	-	9,080	10,795	-	10,795
Halton[7]	189,850	169,320	20,535	228,495	205,070	23,430
Hamilton-Wentworth[7]	401,240	365,250	35,990	409,490	370,410	39,085
Hastings	99,395	67,680	31,710	105,835	70,090	35,745
Huron	52,950	20,495	32,455	56,005	21,390	34,615
Kenora	53,230	28,240	24,990	57,980	28,310	29,670
Kent[7]	101,115	60,925	40,190	106,130	66,090	40,035
Lambton	114,315	80,050	34,265	120,580	81,095	39,480
Lanark	42,260	26,535	15,725	44,200	25,860	18,340
Leeds	50,095	27,345	22,745	52,580	27,390	25,190
Lennox-Addington	28,360	8,795	19,565	32,635	11,055	21,580
Manitoulin	10,930	1,565	9,365	10,895	1,475	9,415
Middlesex	282,015	241,235	40,780	303,745	260,370	43,375
Muskoka[1]	31,940	12,775	19,165	36,690	14,645	22,045
Niagara[2]	347,330	304,120	43,210	365,440	319,885	45,555
Nipissing	78,865	58,335	20,530	81,740	60,675	21,065
Northumberland[7]	59,225	29,495	29,735	64,440	31,220	33,225
Ottawa-Carleton[3]	471,930	435,020	36,910	520,530	474,590	45,945
Oxford[7]	80,405	46,885	33,525	85,335	49,960	35,380
Parry Sound	30,245	9,250	20,995	32,655	8,900	23,755
Peel[7]	259,875	234,815	25,060	375,910	344,680	31,235
Perth	62,975	37,580	25,400	66,280	39,765	26,515
Peterborough[7]	92,415	65,470	26,945	99,930	67,125	32,810
Prescott	27,830	13,810	14,020	29,100	13,840	15,260
Prince Edward	20,640	4,875	15,765	22,560	4,650	17,910
Rainy River	25,750	17,065	8,685	24,770	16,090	8,685
Renfrew	90,875	56,360	34,515	89,095	53,785	35,310
Russell	16,290	6,440	9,850	19,735	7,120	12,615
Simcoe[7]	175,965	106,010	69,955	210,690	122,375	88,315
Stormont	61,300	47,115	14,185	61,170	46,120	15,050
Sudbury (R.M.)	169,050	142,830	26,220	167,705	144,425	23,280
Sudbury (T.D.)	29,030	10,410	18,620	27,290	10,255	17,030
Thunder Bay	145,390	123,525	21,865	150,645	126,740	23,910
Timiskaming[7]	46,440	32,365	14,080	43,760	29,710	14,050
Toronto[4,7]	2,089,730	2,087,015	2,710	2,124,295	2,112,040	12,255
Victoria[7]	36,640	15,880	20,760	43,545	16,260	27,285
Waterloo[7]	254,680	229,665	25,015	289,125	262,925	26,210
Wellington[7]	108,720	76,960	31,765	123,735	87,005	36,730
York[5]	166,060	123,440	42,620	203,915	149,085	54,835

4) Metropolitan Municipality, comprising that part of the former York County previously known as "Toronto Metropolitan Corporation".
5) Regional Municipality, comprising that part of the former York County outside the old "Toronto Metropolitan Corporation".
6) Figures may not add due to rounding methodology. Please see definition.
7) Underwent boundary changes, 1971 figure based on 1976 boundary definition.

Source: SC, *Population: Urban and Rural Distribution.*

Table 2.17

Population Dependency Ratios and Median Age by Birthplace and Urban/Rural Residence, Ontario, Census Years, 1951-1971

Birthplace and Residence	1951 Total Number	1951 Dependency Ratios[1] Child	1951 Dependency Ratios[1] Aged	1951 Median Age	1961 Total Number	1961 Dependency Ratios[1] Child	1961 Dependency Ratios[1] Aged	1961 Median Age	1971 Total Number	1971 Dependency Ratios[1] Child	1971 Dependency Ratios[1] Aged	1971 Median Age
	'000'				'000'				'000'			
Totals												
Total	4,598	0.419	0.135	30.30	6,236	0.540	0.137	28.25	7,703	0.455	0.133	27.28
Canadian Born	3,748	0.519	0.117	26.09	4,883	0.688	0.117	23.30	5,996	0.579	0.110	23.00
In Province	3,338	0.576	0.126	24.97	4,305	0.784	0.128	20.97	5,210	0.659	0.118	21.16
Not in Province	410	0.182	0.063	31.18	578	0.212	0.065	33.80	786	0.203	0.070	33.78
Foreign Born	850	0.075	0.197	47.59	1,353	0.144	0.187	41.10	1,707	0.115	0.196	40.09
Urban												
Total	3,251	0.376	0.130	31.13	4,824	0.511	0.133	28.95	6,349	0.436	0.130	27.58
Canadian Born	2,559	0.483	0.105	26.43	3,645	0.671	0.109	23.68	4,788	0.569	0.104	23.06
In Province	2,245	0.542	0.113	25.19	3,166	0.779	0.119	21.10	4,093	0.657	0.112	21.12
Not in Province	313	0.168	0.061	31.54	479	0.198	0.064	34.17	695	0.199	0.068	33.56
Foreign Born	692	0.063	0.203	48.16	1,179	0.142	0.188	41.01	1,562	0.118	0.192	39.59
Rural												
Total	1,346	0.534	0.151	27.87	1,413	0.645	0.150	25.29	1,354	0.550	0.149	25.53
Canadian Born	1,189	0.607	0.147	25.18	1,238	0.741	0.143	21.98	1,208	0.622	0.134	22.63
In Province	1,092	0.653	0.157	24.41	1,139	0.797	0.153	20.56	1,117	0.666	0.140	21.38
Not in Province	97	0.230	0.070	29.85	99	0.287	0.069	31.82	91	0.235	0.083	35.50
Foreign Born	158	0.128	0.171	44.89	175	0.160	0.184	41.76	146	0.092	0.241	44.94
Rural Farm												
Total	678	0.536	0.147	28.15	506	0.580	0.136	26.69	364	0.514	0.115	25.35
Canadian Born	602	0.601	0.147	25.60	444	0.669	0.137	23.13	325	0.592	0.111	21.68
In Province	574	0.623	0.151	25.12	427	0.696	0.141	22.19	313	0.613	0.113	20.90
Not in Province	27	0.255	0.090	31.61	17	0.190	0.075	37.64	12	0.193	0.069	40.22
Foreign Born	76	0.153	0.144	43.64	62	0.132	0.130	42.84	39	0.058	0.140	44.32
Rural Non-Farm												
Total	668	0.532	0.155	27.66	907	0.684	0.159	24.71	990	0.564	0.162	25.57
Canadian Born	587	0.612	0.147	24.84	794	0.784	0.147	21.47	884	0.634	0.143	22.91
In Province	518	0.688	0.164	23.73	712	0.864	0.161	19.82	804	0.687	0.151	21.53
Not in Province	69	0.221	0.062	29.33	82	0.309	0.068	30.78	79	0.242	0.085	34.75
Foreign Born	82	0.104	0.195	45.85	113	0.177	0.217	41.20	106	0.107	0.285	45.28

1) Child dependency ratio = Population aged 0-14/Population aged 15-64. Aged dependency ratio = Population aged 65 + /Population aged 15-64. Total dependency ratio = Sum of above-mentioned ratios.

Source: SC, Census Field, *Analytical and Technical Memorandum No. 9.*

Table 2.18
Population by Birthplace, Ontario, Census Years, 1951-1971

	1951	1961	19
Total	4,597,542	6,236,092	7,703,1
Canada	3,747,577	4,882,935	5,995,7
Newfoundland	19,124	26,935	59,5
Prince Edward Island	7,138	13,487	19,7
Nova Scotia	43,730	78,114	115,7
New Brunswick	32,027	55,770	81,2
Québec	154,134	196,211	251,9
Ontario	3,337,593	4,305,288	5,209,8
Manitoba	61,004	78,719	90,6
Saskatchewan	56,420	69,333	81,3
Alberta	19,017	30,176	42,8
British Columbia	17,124	27,833	39,2
Yukon and Northwest Territories	266	1,069	3,5
United Kingdom	433,391	501,073	517,4
Other Commonwealth and British Dependencies	8,347	23,778	36,3
Australia	974	2,567	5,7
British West Indies	1,870	6,520	44,6
India and Pakistan	1,279	3,083	19,7
South Africa	694	1,752	15,6
Other	3,530	9,856	10,9
West Indies	..	..	44,6
Africa	..	..	15,6
United States	72,303	81,463	101,4
European Countries	323,289	722,595	910,5
Austria	9,927	24,134	17,6
Belgium	7,138	12,658	11,3
Czechoslovakia	15,492	18,878	24,0
Denmark	3,743	10,049	9,2
Finland	15,366	20,974	17,1
France	2,374	6,357	9,4
Germany	14,820	91,822	102,9
Greece	5,731	20,291	45,4
Hungary	17,747	37,288	38,0
Iceland	167	129	3
Italy	34,809	161,730	254,1
Netherlands	24,178	79,388	78,9
Norway	2,248	2,736	2,4
Poland	70,588	79,706	78,3
Republic of Ireland	10,292	16,644	21,9
Romania	7,317	10,964	10,5
Sweden	3,917	4,179	3,6
Switzerland	1,734	3,783	4,8
U.S.S.R.	60,334	75,616	70,6
Yugoslavia	13,904	33,596	55,8
Other	1,463	11,673	53,6
Asian Countries	10,457	18,635	51,3
China	5,581	9,999	18,7
Japan	2,244	2,503	3,7
Other	2,632	6,133	28,9
Other Countries	2,178	5,613	29,9

1) Figures may not add due to rounding methodology. Please see definitions.
2) Total includes Australia, India and Pakistan and Other.
3) 1971 Counts for British West Indies and South Africa are included in West Indies and Africa totals, respectively.

Source: SC, ***Population, Birthplace.***

able 2.19

opulation by Ethnic Group, Ontario, Census Years, 1951–1971

	1951	1961	1971[1]
otal	4,597,542	6,236,092	7,703,105
itish Isles	3,081,919	3,711,536	4,576,010
nglish	1,662,966	1,939,867	..
rish	723,888	873,647	..
cottish	658,594	835,590	..
ther	36,471	62,432	..
her European	1,363,063	2,298,031	2,858,060
rench	477,677	647,941	737,360
ustrian, n.o.s.[2]	8,126	34,488	15,765
elgian	11,592	22,142	19,955
zech and Slovak	29,025	33,332	40,770
innish	29,327	39,906	38,515
erman	222,028	400,717	475,320
reek	7,248	29,062	67,025
ungarian	28,182	59,427	65,695
alian	87,622	273,864	463,095
ewish	74,920	65,280	135,195
ithuanian	8,871	16,200	15,365
etherlands	98,373	191,017	206,940
olish	89,825	149,524	144,115
omanian	8,008	15,787	9,255
ussian	16,885	28,327	12,580
candinavian	37,430	63,653	60,225
Danish	7,943	22,586	19,075
Icelandic	1,371	2,313	2,680
Norwegian	10,938	15,144	20,590
Swedish	17,178	23,610	17,880
krainian	93,595	127,911	159,880
ugoslav	13,753	43,564	70,060
ther	20,576	55,889	120,945
ian	22,138	39,277	96,385
hinese	6,997	15,155	39,325
apanese	8,581	11,870	15,600
ther	6,560	12,252	41,460
her	130,422	187,248	172,660
dian and Eskimo	37,388	48,074	63,175
egro	6,926	11,062	18,200
ther and Unknown	86,108	128,112	91,285

Figures may not add due to rounding methodology. Please see definitions.
n.o.s. = not otherwise specified.

urce: SC, *Population, Ethnic Groups.*

Table 2.20
Population by Religious Denomination, Ontario, Census Years, 1951-1971

	1951	1961	1971
Total	4,597,542	6,236,092	7,703,105
Adventist	4,236	6,389	9,215
Anglican	..	1,117,862	1,220,535
Baptist	212,467	250,343	283,400
Buddhist	2,040	3,320	5,610
Christian & Missionary Alliance	2,000	5,472	6,625
Christian, Reformed	..	40,950	54,660
Churches of Christ, Disciples	7,503	8,957	7,060
Confucian	848	826	370
Doukhobor	61	109	175
Free Methodist	6,761	11,034	13,190
Greek Orthodox[1]	48,684	83,565	134,465
Hutterite[2]	..	..	260
Jehovah's Witnesses	11,485	23,921	67,710
Jewish	85,467	109,344	125,315
Lutheran	135,581	242,636	267,225
Mennonite[3]	25,796	30,948	40,115
Mormon	9,249	14,326	16,810
Pentecostal	31,415	48,168	76,630
Presbyterian	439,072	491,436	540,035
Roman Catholic	1,142,140	1,873,110	2,568,695
Salvation Army	23,904	31,892	43,840
Ukrainian Catholic[4]	39,600	46,804	56,730
Unitarian	1,188	7,318	9,220
United Church[5]	1,320,366	1,640,564	1,682,820
Other	1,033,736	146,798	128,710
No Religion	13,943	..	343,685

1) Includes those denominations which observe the Greek Orthodox rite, such as Russian Orthodox, Ukrainian Orthodox and Syrian Orthodox.
2) 1951 and 1961 data are included in "Mennonite".
3) 1951 and 1961 data include "Hutterite".
4) Includes "Other Greek Catholic".
5) 1951 and 1961 data include Congregationalist and Methodist.
6) Figures may not add due to rounding methodology. Please see definitions.

Source: SC, *Population, Religious Denominations.*

ıble 2.21

egistered Indian Population by Age and Sex, Canada and Ontario, 1973-1979

		Total	0-4	5-14	15-24	25-44	45-64	65+	Unstated
nada									
73	Total	270,494	37,780	81,041	55,418	57,325	26,983	11,386	561
	Male	137,838	19,145	40,937	27,710	29,726	14,195	6,010	115
	Female	132,656	18,635	40,104	27,708	27,599	12,788	5,376	446
74	Total	276,436	36,906	82,414	58,016	59,374	27,439	11,739	548
	Male	140,860	18,825	41,668	28,939	30,759	14,402	6,151	116
	Female	135,576	18,081	40,746	29,077	28,615	13,037	5,588	432
75	Total	282,762	35,944	83,506	61,040	61,572	28,108	12,402	190
	Male	143,822	18,218	42,287	30,333	31,792	14,722	6,448	22
	Female	138,940	17,726	41,219	30,707	29,780	13,386	5,954	168
76	Total	288,938	35,110	84,092	64,278	63,796	28,861	12,608	193
	Male	146,662	17,771	42,602	31,888	32,800	15,077	6,502	22
	Female	142,276	17,339	41,490	32,390	30,996	13,784	6,106	171
77	Total	295,898	35,203	84,615	67,239	66,167	29,542	12,939	193
	Male	149,863	17,812	42,860	33,264	33,843	15,401	6,661	22
	Female	146,035	17,391	41,755	33,975	32,324	14,141	6,278	171
78	Total	302,749	35,264	84,607	70,148	69,004	30,299	13,241	186
	Male	153,039	17,801	42,966	34,630	35,151	15,703	6,766	22
	Female	149,710	17,463	41,641	35,518	33,853	14,596	6,475	164
79	Total	309,590	35,387	84,428	72,978	71,799	31,099	13,712	187
	Male	156,336	17,959	42,811	36,107	36,343	16,143	6,950	23
	Female	153,254	17,428	41,617	36,871	35,456	14,956	6,762	164
ıtario									
73	Total	59,405	6,702	16,010	12,430	13,702	7,191	3,031	339
	Male	30,135	3,383	8,095	6,239	7,110	3,688	1,531	89
	Female	29,270	3,319	7,915	6,191	6,592	3,503	1,500	250
74	Total	60,576	6,608	16,137	12,907	14,192	7,217	3,183	332
	Male	30,711	3,369	8,147	6,421	7,379	3,691	1,616	88
	Female	29,865	3,239	7,990	6,486	6,813	3,526	1,567	244
75	Total	61,621	6,358	16,200	13,474	14,714	7,316	3,484	75
	Male	31,160	3,244	8,167	6,696	7,595	3,733	1,711	14
	Female	30,461	3,114	8,033	6,778	7,119	3,583	1,773	61
976	Total	63,191	6,394	16,283	14,071	15,313	7,471	3,582	77
	Male	31,890	3,262	8,194	7,024	7,828	3,816	1,752	14
	Female	31,301	3,132	8,089	7,047	7,485	3,655	1,830	63
977	Total	64,576	6,352	16,241	14,675	15,940	7,623	3,666	79
	Male	32,507	3,255	8,166	7,289	8,113	3,873	1,797	14
	Female	32,069	3,097	8,075	7,386	7,827	3,750	1,869	65
978	Total	65,966	6,392	16,176	15,204	16,556	7,812	3,747	79
	Male	33,079	3,240	8,169	7,507	8,397	3,927	1,825	14
	Female	32,887	3,152	8,007	7,697	8,159	3,885	1,922	65
979	Total	67,164	6,322	15,966	15,716	17,226	7,940	3,915	79
	Male	33,609	3,223	8,041	7,771	8,679	3,986	1,895	14
	Female	33,555	3,099	7,925	7,945	8,547	3,954	2,020	65

ource Department of Indian Affairs and Northern Development, Indian and Inuit Affairs Program, Reserves and Trusts.

Table 2.22
Registered Indians by Location of Residence, Canada and Ontario, 1967-1979

	Canada					Ontario				
	On Reserve[1]	Off Reserve	Crown Land[2]	Un-stated	Total	On Reserve[1]	Off Reserve	Crown Land[2]	Un-Stated	Tota
1967	159,345	50,300	21,242	15	230,902	31,797	16,534	3,397	3	51,73
1968	161,695	54,220	21,562	13	237,490	32,039	16,762	4,178	2	52,98
1969	162,108	59,345	22,563	8	244,024	31,479	18,135	4,457	1	54,07
1970	163,396	64,004	23,375	6	250,781	31,369	19,148	4,824	1	55,34
1971	166,006	69,100	22,507	6	257,619	32,154	19,774	4,624	1	56,55
1972	168,527	73,309	22,844	-	264,680	33,665	19,616	4,487	-	57,76
1973	170,445	76,943	23,106	-	270,494	34,172	20,666	4,567	-	59,40
1974[3]	176,457	74,537	25,442	-	276,436	35,820	19,979	4,777	-	60,57
1975	178,835	77,226	26,701	-	282,762	36,317	20,226	5,078	-	61,62
1976	181,869	79,301	27,768	-	288,938	37,648	20,399	5,144	-	63,19
1977	188,311	81,682	25,905	–	295,898	40,477	20,778	3,321	–	64,57
1978	191,837	87,976	22,936	–	302,749	42,456	21,618	1,892	–	65,96
1979[4]	195,363	91,318	22,909	–	309,590	42,992	22,313	1,859	–	67,16

1) On Reserve in this table refers to Registered Indian band members living on reserves administered by their own band and on reserve administered by other bands.
2) On Crown Land includes Registered Indian band members living on Crown Land settlements administered by their own band, some other bands and on Crown Land not administered by any band.
3) Due to a new band funding programme in 1974, four additional types of residence were created and some historical comparability wit previous years was lost.
4) For 1979 only, registered Indian Band members living on reserves of other bands and registered Indian band members living on Crow land in a community administered by other bands have been included with those registered Indian band members living Off Reserve.

Source: Department of Indian Affairs and Northern Development, Indian and Inuit Affairs Program, Reserves and Trusts.

Table 2.23
Enfranchisements[1] of Registered Indians, Canada and Ontario, 1963-64 to 1980-81

	Number Enfranchised Upon Application[2]				Number Enfranchised following Marriage[3]				Total Enfranchised	
	Canada		Ontario		Canada		Ontario			
	Adults	Children	Adults	Children	Women	Children	Women	Children	Canada	Onta
1963-64	46	38	22	18	287	102	87	24	473	1
1964-65	46	34	23	17	480	176	133	52	736	2
1965-66	38	18	17	8	435	147	141	37	638	2
1966-67	31	22	18	10	457	148	121	29	658	1
1967-68	62	28	28	6	470	56	143	13	616	1
1968-69	37	20	18	10	531	197	141	25	785	1
1969-70	41	19	20	13	547	107	164	24	714	2
1970-71	25	12	17	12	517	98	139	23	652	1
1971-72	14	4	6	3	267	19	65	4	304	
1972-73	7	-	4	-	-	-	-	-	7	
1973-74	7	4	4	4	449	-	129	-	460	1
1974-75	1	-	-	-	590	-	170	-	591	
1975-76	3	3	1	1	296	-[4]	66	-	302	
1976-77	2	2	1	-	13	-	4	-	17	
1977-78	10	5	2	2	–	–	–	–	15	
1978-79	3	–	1	–	–	–	–	–	3	
1979-80	6	3	3	2	–	–	–	–	9	
1980-81	2	–	–	–	–	–	–	–	2	

1) On enfranchisement an Indian gives up his rights under the Indian Act.
2) Adult Indians enfranchised upon application together with their minor, unmarried children.
3) Indian women enfranchised following marriage to non-Indians together with their minor, unmarried children.
4) Minor unmarried children not enfranchised unless mother insists.

Source: Department of Indian Affairs and Northern Development, Indian and Inuit Affairs Program, Reserves and Trusts.

Section
3

Births, Deaths and Immigration

Highlights

- **Births and Deaths** – The total fertility rate in Ontario dropped from 3,222 in 1951 to 1,666 in 1979. The highest 1979 birth rate in Ontario occurred in the Kenora county where there were 21.5 births per 1,000 population. The highest death rate per 1,000 population in Ontario for the same year occurred in Haliburton county with a rate of 11.3. The natural increase rate per 1,000 population for Ontario in 1979 was 7.1

  Live births in Ontario decreased 14.1 per cent from 141,610 in 1965 to 121,655 in 1979. 36.9 per cent of live births in 1979 occurred in the 25-29 age group of mothers. Infant mortality in Ontario has been generally decreasing in all categories (neonatal, post-neonatal, perinatal) from 1953 to 1978. For instance, the neonatal mortality rate per 1,000 live births has descended from 22.6 in 1950 to 15.7 in 1964 to 7.6 in 1978.

  In 1978, of the total deaths in Ontario, 56.1 per cent were male and 43.9 per cent were female; of the number of single people who died, 61.7 per cent were male and 38.3 per cent were female; and of the number of married people who died 71.1 per cent were male and 28.9 per cent female. Of widowed and divorced persons who died in 1978, 32.0 per cent were male and 68.0 per cent were female.

  In 1978, the major causes of death in Ontario were diseases of the circulatory system which accounted for 50.0 per cent of all deaths followed by neoplasms accounting for 22.4 per cent; accidents, poisoning and violence for 8.2 per cent, and diseases of the respiratory system for 6.5 per cent.

- **Immigration** – Of the 112,096 immigrants who came to Canada in 1979, 51,947 or 46.3 per cent selected Ontario as their intended destination. The largest group of those immigrants (18.7 per cent or 9,725) came from the Other Countries. Of the immigrants to Ontario in 1980, 37.5 per cent intended to make Metro Toronto their final destination.

  In 1978, of those workers who wished to settle in Ontario, 2,995 or 13.4 per cent listed their intended occupation to be in the clerical and related field; 3,204 or 14.3 per cent in the Product Fabricating, Assembling and Repairing field; 1,789 or 8.0 per cent in the Services field and 1,739 or 7.8 per cent in the Professional and Technical fields.

Definitions

Births – Infants born alive, i.e., excluding stillbirths.

Stillbirths – Fetal deaths of 20 or more weeks gestation, or have obtained a weight of 500 grams.

Deaths – Excludes stillbirths.

Infant: deaths under 1 year of age.

Neonatal: deaths under 28 days of age.

Post-neonatal: deaths between 4 weeks and one year of age.

Perinatal: fetal deaths of 28 or more weeks gestation plus infant deaths under 7 days of age.

Natural Increase – Excess of births over deaths.

Rates – Age-specific fertility: birth rate per 1,000 women in the respective age group.

Total fertility rate: sum of age-specific fertility rates multiplied by 5.

General fertility: birth rate per 1,000 women 15-49 years.

Gross reproduction: average number of live daughters that would be born to a hypothetical female birth cohort if subjected to current age-specific fertility rates and assuming that mortality before age 50 is zero.

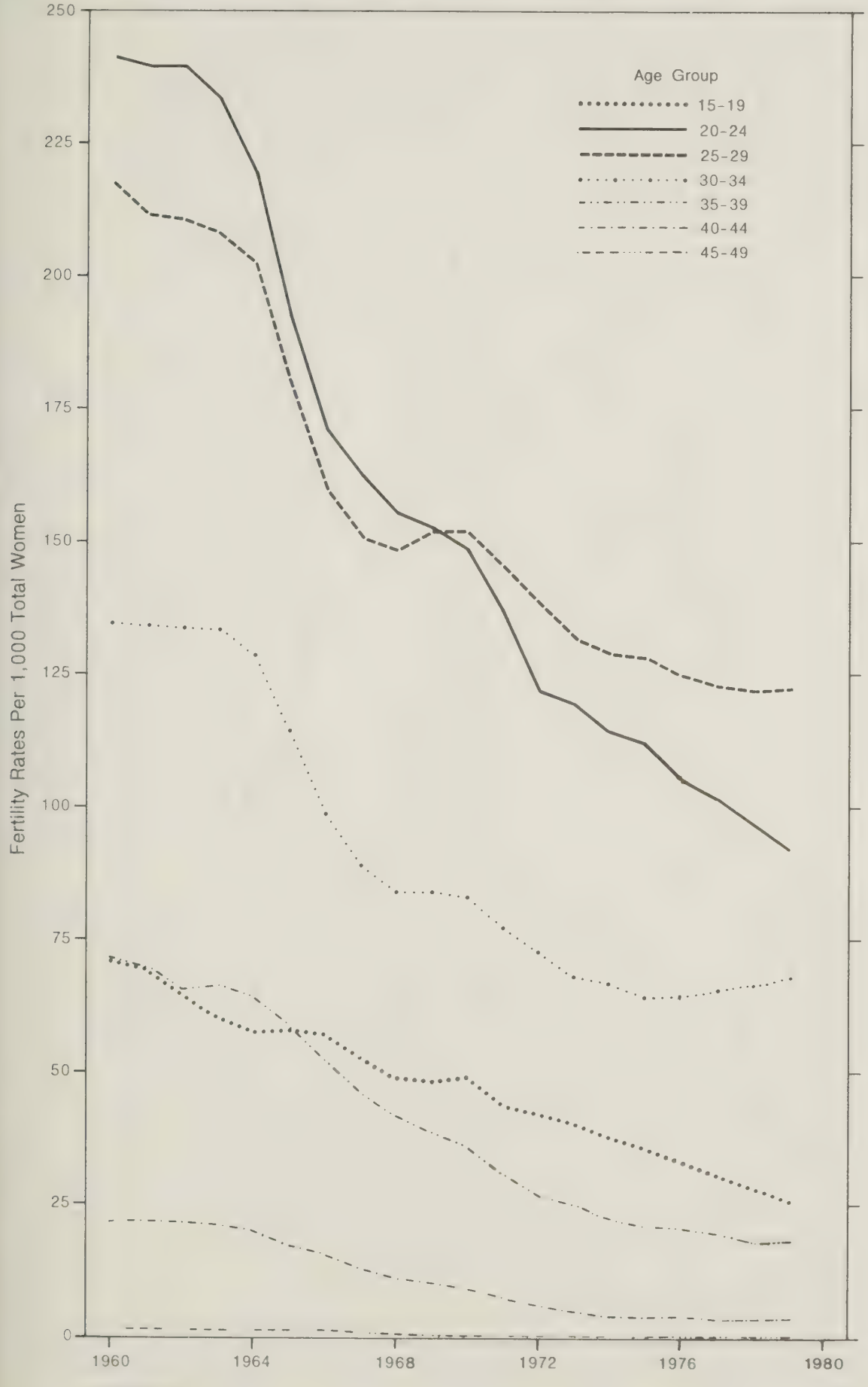
Total Births – Live births and stillbirths.

Age-Specific Death Rates – Number of deaths per 1,000 population in the respective age group.

Standardized (Age-Adjusted) Death Rates – Death rates adjusted for changes in the age composition of the population.

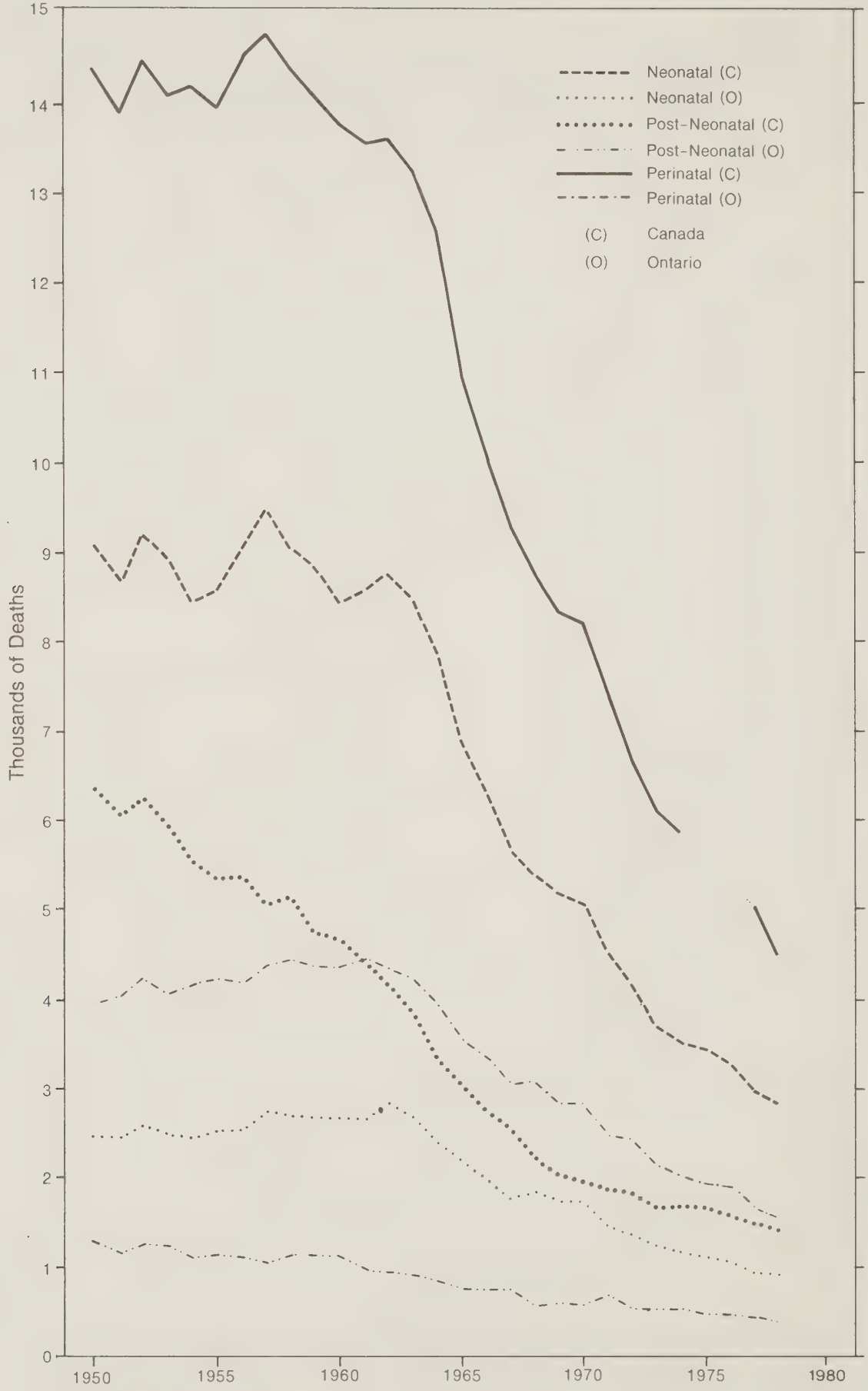
Graph 3.A

Age-Specific Fertility Rates, Ontario, Selected Years, 1960-1979



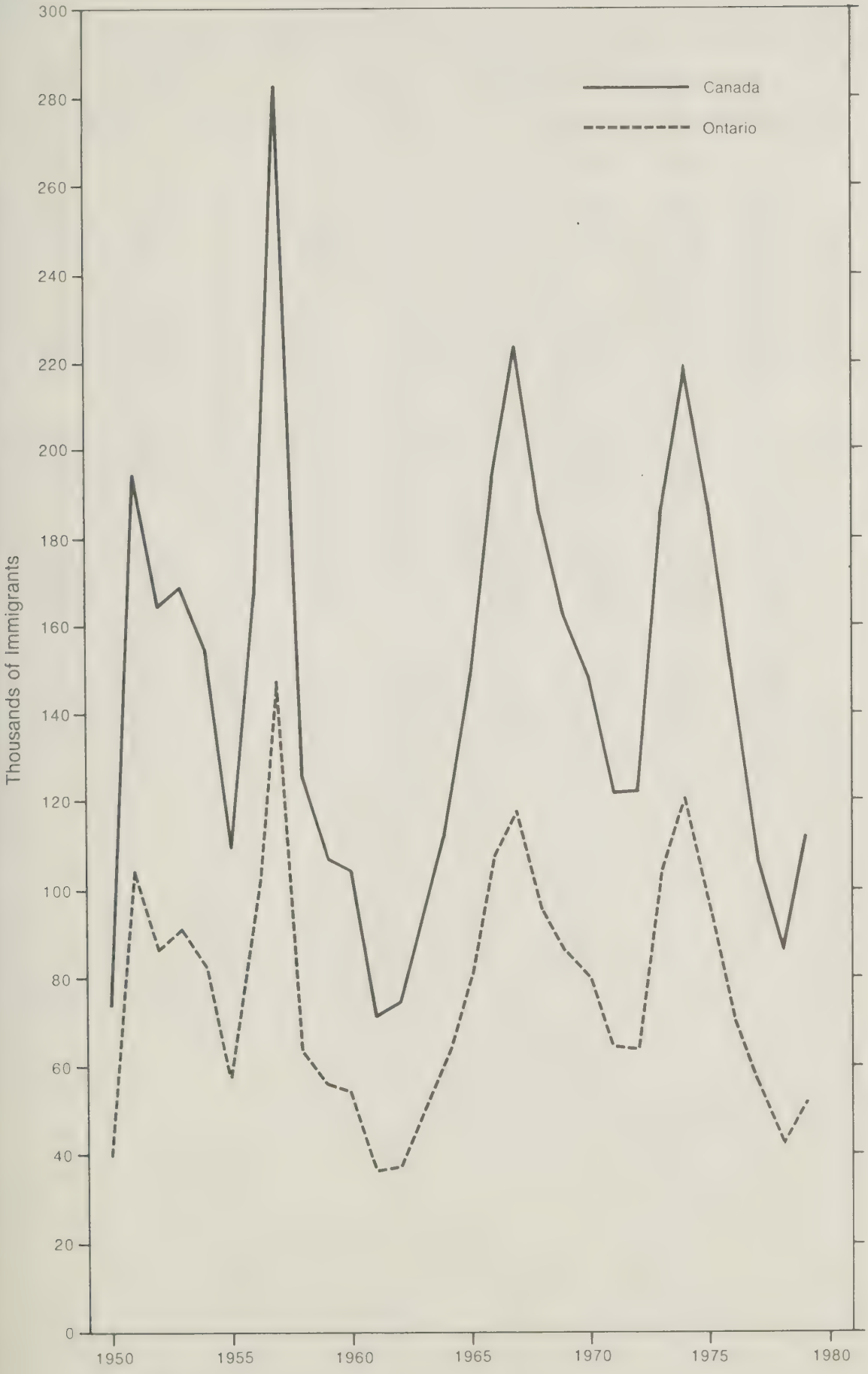
Refer to Table 3.1

Graph 3.B
Infant Mortality, Canada and Ontario, 1950-1978



Refer to Table 3 8

raph 3.C
nmigration by Intended Destination, Canada and Ontario, 1950-1979



Refer to Table 3.14

Table 3.1
Age-specific Fertility Rates, Ontario, Selected Years, 1951-1979

	Fertility rates per 1,000 total women by age groups							Total fertility rate	Gross reproduction rate	Gener fer lity ra
	15-19	20-24	25-29	30-34	35-39	40-44	45-49			
1951	60.1	186.4	181.8	125.2	68.1	21.0	1.9	3,222	1.560	99.
1956	66.9	225.8	205.7	135.6	73.2	22.6	1.6	3,657	1.780	110.
1957	73.0	228.7	209.0	133.3	74.2	22.6	1.9	3,714	1.806	111.
1958	70.6	228.8	208.3	133.0	72.8	20.9	1.7	3,680	1.785	109.
1959	71.7	239.5	214.7	133.3	73.0	20.8	1.7	3,773	1.834	111.
1960	70.9	241.2	217.1	134.7	71.7	21.6	1.5	3,793	1.841	110.
1961	69.5	239.8	211.6	134.2	69.8	21.9	1.6	3,742	1.824	108.
1962	64.5	239.9	210.5	133.9	65.6	21.9	1.4	3,689	1.796	105.
1963	60.3	233.7	208.1	133.1	66.2	21.1	1.2	3,618	1.759	102.
1964	57.8	219.7	202.4	128.6	64.6	20.4	1.6	3,475	1.686	98.
1965	58.3	192.9	180.6	114.5	59.3	17.8	1.5	3,125	1.521	89.
1966	57.4	171.3	160.2	98.8	52.8	16.2	1.3	2,790	1.361	80.
1967	53.0	162.7	151.2	89.4	46.4	13.4	1.0	2,586	1.257	75.
1968	49.2	155.2	148.8	84.4	41.9	11.7	1.0	2,461	1.198	72.
1969	48.5	152.9	152.5	84.5	39.2	10.9	0.8	2,447	1.191	72.
1970	49.4	148.5	152.2	83.3	36.4	9.8	0.6	2,401	1.168	72.
1971	44.2	137.2	145.9	77.4	31.2	7.8	0.4	2,221	1.078	68.
1972	42.7	122.2	138.6	72.8	27.2	6.4	0.3	2,051	0.993	64.
1973	40.9	119.8	132.2	68.0	25.1	5.6	0.3	1,960	0.952	62.
1974	38.3	114.6	129.4	66.9	22.5	4.8	0.3	1,884	0.915	60.
1975	36.2	112.3	128.3	64.5	21.2	4.4	0.3	1,836	0.896	59.
1976	33.4	105.6	124.6	64.6	20.6	4.3	0.3	1,767	0.865	57.
1977	30.7	102.2	123.5	66.0	19.8	3.3	0.2	1,729	0.840	56.
1978	28.1	96.4	122.4	66.4	18.9	3.3	0.2	1,679	0.819	54.
1979	25.5	92.7	123.2	68.6	19.5	3.5	0.2	1,666	0.811	54.

Source: SC, *Vital Statistics*, (84–204)

Table 3.2

Live Births by Age Groups of Mothers, Ontario, 1964-1979

	Total	Age Groups of Mothers								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50 and over[1]
					Number of Births					
964	152,729	86	15,283	47,438	41,909	28,093	15,116	4,513	291	-
965	141,610	72	16,320	43,953	38,057	25,030	13,796	4,105	274	3
966	131,942	77	16,837	41,872	34,994	21,794	12,294	3,827	246	1
967	127,509	79	16,324	42,680	34,418	19,873	10,717	3,223	194	1
968	126,257	99	15,859	43,504	35,327	18,871	9,598	2,795	203	1
969	130,398	96	16,079	45,517	37,972	19,043	8,926	2,583	181	1
970	134,724	86	16,915	47,513	40,263	19,189	8,308	2,301	149	-
971	130,395	88	15,455	46,558	40,948	18,273	7,161	1,814	98	-
972	125,060	97	15,303	42,858	41,245	17,735	6,259	1,482	80	1
973	123,776	108	15,156	41,044	42,854	17,481	5,759	1,306	68	-
974	124,229	109	14,531	40,623	44,373	18,126	5,274	1,124	69	-
975	125,775	111	14,039	41,195	45,836	18,432	5,068	1,029	64	1
976	122,700	107	13,217	39,721	44,809	18,784	5,004	995	61	2
977[r]	122,757	81	12,342	39,515	44,343	20,703	4,957	771	45	-
978	120,964	93	11,445	37,909	44,045	21,733	4,909	780	49	1
979	121,655	98	10,441	36,925	44,925	23,132	5,270	823	41	–
					Percentage					
964	100.0	0.05	10.0	31.1	27.4	18.4	9.9	3.0	0.2	-
965	100.0	0.05	11.5	31.0	26.9	17.7	9.8	2.9	0.2	..
966	100.0	0.05	12.8	31.8	26.5	16.5	9.3	2.9	0.2	..
967	100.0	0.06	12.8	33.5	27.0	15.6	8.4	2.5	0.2	..
968	100.0	0.08	12.6	34.5	28.0	14.9	7.6	2.2	0.2	...
969	100.0	0.07	12.3	35.0	29.1	14.6	6.9	2.0	0.1	..
970	100.0	0.06	12.6	35.3	29.9	14.2	6.2	1.7	0.1	-
971	100.0	0.07	11.9	35.7	31.4	14.0	5.5	1.4	0.1	-
972	100.0	0.07	12.2	34.3	33.0	14.2	5.0	1.2	0.1	...
973	100.0	0.09	12.2	33.2	34.6	14.1	4.7	1.1	0.1	-
974	100.0	0.08	11.7	32.7	35.7	14.6	4.3	0.9	0.1	-
975	100.0	0.08	11.2	32.8	36.4	14.7	4.0	0.8	0.1	...
976	100.0	0.08	10.8	32.4	36.5	15.3	4.1	0.8	0.04	...
977	100.0	0.06	10.1	32.2	36.1	16.9	4.0	0.6	0.03	-
978	100.0	0.07	9.5	31.3	36.4	18.0	4.1	0.6	0.03	...
1979	100.0	0.08	8.6	30.4	36.9	19.0	4.4	0.7	0.03	–

) Percentage rates not computed for less than 10 live births.

Source: Office of the Registrar General.

Table 3.3
Births, Deaths and Natural Increase, by County, Ontario, 1979

	Births		Deaths		Natural Increase	
	Total	Rate per 1,000 Population[1]	Total	Rate per 1,000 Population	Excess of Births Over Deaths	Natu Increa Rate per 1,0 Populati
Ontario	121,655	14.3	61,468	7.2	60,187	
Algoma	2,000	15.6	831	6.5	1,169	
Brant	1,621	15.9	858	8.4	763	
Bruce	1,032	17.3	539	9.1	493	
Cochrane	1,649	17.4	732	7.7	917	
Dufferin	495	16.4	212	7.2	283	
Dundas	267	14.1	169	8.9	98	
Durham	4,541	16.9	1,607	6.0	2,934	1
Elgin	1,091	15.7	602	8.6	489	
Essex	4,659	14.6	2,650	8.3	2,009	
Frontenac	1,495	13.0	787	6.9	708	
Glengarry	237	11.6	206	10.1	31	
Grenville	334	12.2	225	8.2	109	
Grey	1,049	14.4	731	10.0	318	
Haldimand-Norfolk	1,273	14.1	855	9.4	418	
Haliburton	129	11.6	126	11.3	3	
Halton	3,192	13.1	1,180	4.8	2,012	
Hamilton-Wentworth	5,467	13.1	3,213	7.7	2,254	
Hastings	1,465	13.8	890	8.4	575	
Huron	912	16.2	564	10.0	348	
Kenora	1,255	21.5	406	6.9	849	1
Kent	1,745	16.2	909	8.4	836	
Lambton	1,888	15.3	926	7.5	962	
Lanark	624	13.8	480	10.6	144	
Leeds	716	13.3	563	10.5	153	
Lennox-Addington	524	16.0	279	8.5	245	
Manitoulin	165	15.2	120	11.0	45	
Middlesex	4,480	13.9	2,282	7.1	2,198	
Muskoka	496	13.1	366	9.6	130	
Niagara	4,820	13.1	2,931	8.0	1,889	
Nipissing	1,136	14.3	608	7.6	528	
Northumberland	892	13.5	609	9.2	283	
Ottawa-Carleton	6,989	12.9	3,359	6.2	3,630	
Oxford	1,248	14.6	750	8.8	498	
Parry Sound	454	14.0	320	9.8	134	
Peel	7,655	17.9	1,703	4.0	5,952	1
Perth	1,067	16.1	611	9.2	456	
Peterborough	1,353	13.5	874	8.7	479	
Prescott	408	13.5	259	8.6	149	
Prince Edward	277	12.4	196	8.8	81	
Rainy River	416	17.7	214	9.1	202	
Renfrew	1,310	14.9	826	9.4	484	
Russell	350	15.7	154	6.9	196	
Simcoe	3,127	14.1	1,787	8.0	1,340	
Stormont	898	14.5	547	8.8	351	
Sudbury District	456	17.4	185	7.1	271	1
Sudbury	2,420	14.9	979	6.0	1,441	
Reg. Munic. Thunder Bay	2,466	16.4	1,297	8.6	1,169	
Timiskaming	663	15.9	380	9.1	283	
Toronto	27,838	13.1	14,893	7.0	12,945	
Victoria	709	15.4	433	9.4	276	
Waterloo	4,774	15.6	1,877	6.1	2,897	
Wellington	1,878	14.6	893	6.9	985	
York	3,250	14.8	1,475	6.7	1.775	

1) Rate figures are based on population estimates from Social and Economic Data of Central Statistical Services.

Source: Officer of the Registrar General
Central Statistical Services

ıble 3.4
rths and Deaths, by Selected Municipality, Ontario, 1978 and 1979

	Live Births[1]			Deaths[2]			Infant Deaths
78	Male	Female	Total	Male	Female	Total	Total[2]
ronto	4,230	4,016	8,246	3,123	2,475	5,598	98
orth York Borough)	3,852	3,641	7,493	1,624	1,431	3,055	64
carborough Borough)	2,867	2,709	5,576	1,220	1,117	2,337	65
amilton	2,151	2,103	4,254	1,511	1,203	2,714	52
ttawa	1,634	1,658	3,292	1,294	1,230	2,524	40
obicoke Borough)	1,670	1,670	3,340	1,073	917	1,990	41
ondon	1,832	1,714	3,546	959	785	1,744	37
indsor	1,478	1,398	2,876	965	783	1,748	36
ississauga	2,437	2,328	4,765	590	431	1,021	50
ork (Borough)	1,042	1,025	2,067	539	450	989	21
tchener	1,160	1,113	2,273	491	352	843	20
. Catharines	817	771	1,588	546	437	983	15
under Bay	806	770	1,576	609	423	1,032	25
ast York Borough)	787	737	1,524	497	453	950	13
shawa	955	935	1,890	340	297	637	23
udbury	698	638	1,336	429	267	696	22
urlington	715	700	1,415	277	222	499	16
ault Ste. Marie	585	636	1,221	321	227	548	11
iagara Falls	494	477	971	313	252	565	14
ambridge	622	618	1,240	264	247	511	13
rantford	561	567	1,128	311	260	571	14
akville	441	393	834	181	143	324	10
uelph	519	451	970	240	208	448	8
ingston	390	375	765	289	280	569	11
eterborough	396	391	787	281	290	571	10
arnia	375	366	741	248	167	415	5
orth Bay	381	372	753	198	171	369	9
ornwall	310	288	598	239	188	427	6
elland	314	287	601	227	159	386	6
rampton	1,200	1,137	2,337	232	203	435	20

Table 3.4 (cont'd.)
Births and Deaths, by Selected Municipality, Ontario, 1978 and 1979

1979	Live Births[1]			Deaths[2]			Infa Death Tota
	Male	Female	Total	Male	Female	Total	
Toronto	4,142	3,752	7,894	2,941	2,438	5,379	8
North York City	3,747	3,509	7,256	1,628	1,468	3,096	6
Scarborough (Borough)	2,965	2,842	5,807	1,238	1,258	2,496	4
Hamilton	2,192	1,999	4,191	1,474	1,169	2,643	4
Ottawa	1,669	1,537	3,206	1,216	1,188	2,404	2
Etobicoke (Borough)	1,724	1,588	3,312	1,060	902	1,962	2
London	1,857	1,736	3,593	981	804	1,785	4
Windsor	1,441	1,314	2,755	987	759	1,746	3
Mississauga	2,428	2,407	4,835	625	510	1,135	4
York (Borough)	1,064	979	2,043	553	413	966	1
Kitchener	1,213	1,061	2,274	450	390	840	2
St. Catharines	837	802	1,639	532	461	993	1
Thunder Bay	832	840	1,672	658	392	1,050	1
East York (Borough)	768	758	1,526	518	476	994	
Oshawa	994	984	1,978	366	309	675	1
Sudbury	647	661	1,308	419	251	670	1
Burlington	714	717	1,431	275	246	521	1
Sault Ste. Marie	597	563	1,160	311	252	563	1
Niagara Falls	483	458	941	307	269	576	
Cambridge	591	586	1,177	319	256	575	
Brantford	563	564	1,127	319	286	605	1
Oakville	422	390	812	163	141	304	
Guelph	538	470	1,008	241	219	460	
Kingston	366	341	707	264	280	544	1
Peterborough	417	392	809	299	263	562	1
Sarnia	343	325	668	230	157	387	
North Bay	382	334	716	212	134	346	
Cornwall	325	313	638	235	174	409	1
Welland	334	330	664	216	159	375	
Brampton	1,316	1,175	2,491	259	200	459	1

1) By place of residence of mothers
2) By place of residence of deceased

Source: Office of the Registrar General

Table 3.5

Standardized (Age-adjusted) Death Rates[1] by Sex, Canada and Ontario, 1950-1978

	Canada			Ontario		
	Total	Male	Female	Total	Male	Female
1950	9.1	10.1	8.1	9.0	10.2	7.8
1951	9.0	10.0	8.0	8.7	9.9	7.6
1952	8.8	9.9	7.6	8.6	9.9	7.3
1953	8.6	9.8	7.5	8.5	9.8	7.3
1954	8.2	9.3	7.0	8.1	9.3	6.9
1955	8.2	9.4	6.9	8.0	9.4	6.7
1956	8.2	9.4	7.0	8.1	9.6	6.8
1957	8.3	9.6	6.9	8.2	9.7	6.8
1958	8.0	9.3	6.6	7.9	9.4	6.5
1959	8.0	9.3	6.7	8.0	9.5	6.6
1960	7.8	9.1	6.4	7.9	9.5	6.5
1961	7.6	9.0	6.3	7.6	9.2	6.2
1962	7.6	8.9	6.2	7.6	9.2	6.2
1963	7.6	9.0	6.2	7.6	9.4	6.1
1964	7.3	8.8	5.9	7.3	8.9	5.8
1965	7.3	8.8	5.9	7.4	9.1	5.8
1966	7.2	8.8	5.7	7.2	9.0	5.6
1967	7.1	8.7	5.6	7.1	9.0	5.5
1968	7.1	8.7	5.6	7.0	8.8	5.5
1969	7.0	8.6	5.5	6.9	8.7	5.4
1970	6.9	8.5	5.4	6.8	8.7	5.3
1971	6.7	8.4	5.2	6.6	8.4	5.0
1972	6.8	8.6	5.2	6.7	8.7	5.1
1973	6.8	8.5	5.1	6.8	8.6	5.1
1974	6.8	8.4	5.0	6.7	8.4	5.0
1975	6.5	8.3	4.9	6.4	8.3	4.8
1976	6.4	8.1	4.8	6.4	8.0	4.7
1977	6.3	7.9	4.7	6.3	7.9	4.7
1978	6.2	7.8	4.5	6.1	7.7	4.5

1) Standardized to Canada 1956 Census Population. Rates per 1,000 population.

Source: SC, *Vital Statistics*, (84-206)

Table 3.6
Death Rates (Per 1,000 Population) by Sex and Age, Ontario, 1974-1978

	1974		1975		1976		1977		1978	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total	8.4	6.5	8.3	6.4	8.4	6.3	8.3	6.4	8.2	6.3
Under 1 year[1]	14.3	12.5	14.4[r]	11.2	13.7	10.9	11.9	10.6	12.9	9.7
1- 4 years	0.7	0.6	0.6	0.5	0.7	0.5	0.6	0.5	0.5	0.5
5- 9 years	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.2	0.3	0.3
10-14 years	0.4	0.2	0.4	0.3	0.3	0.2	0.4	0.3	0.4	0.2
15-19 years	1.4	0.5	1.4	0.4	1.2	0.4	1.2	0.4	1.2	0.4
20-24 years	1.5	0.5	1.5	0.5	1.5	0.4	1.6	0.4	1.5	0.5
25-29 years	1.2	0.5	1.2	0.5	1.2	0.5	1.2	0.5	1.2	0.5
30-34 years	1.3	0.8	1.3	0.7	1.3	0.6	1.2	0.6	1.3	0.6
35-39 years	2.1	1.1	2.0	1.1	1.9	1.1	1.9	1.1	1.7	0.9
40-44 years	3.2	1.9	3.1	1.8	3.1	1.6	2.9	1.9	2.9	1.6
45-49 years	5.7	3.2	5.3	3.1	5.3	2.9	5.5	3.0	5.1	2.6
50-54 years	9.1	4.6	9.2[r]	4.6	9.0	4.4	8.6	4.5	8.7	4.4
55-59 years	14.7	7.2	14.5	7.1	14.0	6.8	14.1	7.1	13.5	6.5
60-64 years	23.0	11.6	22.4[r]	10.6	21.9	10.5	22.3	10.5	21.3	10.6
65-69 years	35.8	17.2	34.6	17.7	34.6	16.0	34.0	16.7	34.0	16.1
70-74 years	55.2	28.1	53.1[r]	28.0	53.6	26.4	52.5	26.4	50.6	25.8
75-79 years	81.4	47.0	80.2	46.3	79.5	44.3	77.9	42.5	75.2	41.5
80-84 years	127.6	81.4	127.8[r]	77.2	123.3	77.5	117.8	76.3	114.1	72.2
85 + years	237.2	158.0	243.4	152.9	199.0	154.4	191.6	152.8	191.7	144.9

1) Per 1,000 live births.

Source: SC, *Vital Statistics*, (84-206)

Table 3.7
Deaths by Marital Status and Sex, Canada and Ontario, 1975-1978

	1975		1976		1977		1978	
Marital Status	Canada[1]	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Total	167,404[1]	60,604	167,009	60,645	167,498	61,425	168,179	61,116
Male	97,055[1]	34,107	96,725	34,225	96,872	34,283	97,115	34,291
Female	70,349[1]	26,497	70,284	26,420	70,626	27,142	71,064	26,825
Single	30,854[1]	9,829	30,351	9,633	30,314	9,460	29,941	9,333
Male	19,724[1]	6,026	19,523	5,953	19,379	5,753	19,274	5,757
Female	11,130[1]	3,803	10,828	3,680	10,935	3,707	10,667	3,576
Married	80,106	29,783	80,680	29,637	81,959	30,545	82,499	30,393
Male	56,698	21,220	57,497	21,242	58,349	21,691	58,641	21,607
Female	23,408	8,563	23,183	8,395	23,610	8,854	23,858	8,786
Widowed and Divorced	52,692	20,836	53,987	21,199	53,526	21,272	54,384	21,249
Male	18,225	6,729	18,345	6,878	17,975	6,706	18,283	6,803
Female	34,467	14,107	35,642	14,321	35,551	14,566	36,101	14,446
Not Stated	3,752	156	1,991	176	1,699	148	1,355	141
Male	2,408	132	1,360	152	1,169	133	917	124
Female	1,344	24	631	24	530	15	438	17

1) Estimated.

Source: SC, *Vital Statistics*, (84-206)

Table 3.8
Infant Mortality, Canada and Ontario, 1950-1978

	Neonatal		Post-neonatal		Perinatal	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
1950	9,097	2,454	6,362	1,297	14,375	3,949
1951	8,619	2,429	6,054	1,116	13,885	4,008
1952	9,164	2,562	6,244	1,227	14,468	4,240
1953	8,928	2,474	5,931	1,222	14,054	4,046
1954	8,415	2,415	5,519	1,102	14,165	4,153
1955	8,552	2,500	5,332	1,122	13,947	4,230
1956	9,065	2,509	5,334	1,101	14,507	4,199
1957	9,480	2,737	5,037	1,039	14,745	4,386
1958	9,055	2,698	5,123	1,103	14,384	4,419
1959	8,841	2,673	4,754	1,100	14,064	4,376
1960	8,410	2,644	4,667	1,101	13,778	4,328
1961	8,564	2,627	4,376	999	13,542	4,248
1962	8,783	2,682	4,158	939	13,598	4,324
1963	8,411	2,619	3,859	913	13,205	4,208
1964	7,831	2,402	3,338	853	12,539	3,962
1965	6,835	2,142	3,027	765	10,992	3,574
1966	6,253	1,956	2,707	713	10,004	3,326
1967	5,628	1,789	2,523	726	9,284	3,024
1968	5,376	1,832	2,207	564	8,727	3,091
1969	5,138	1,722	2,011	577	8,308	2,831
1970	5,017	1,711	1,984	560	8,192	2,845
1971	4,485	1,424	1,871	566	7,352	2,476
1972	4,117	1,392	1,821	516	6,672	2,405
1973	3,692	1,238	1,647	502	6,087	2,127
1974	3,506	1,163	1,686	503	5,835	2,039
1975	3,480[1]	1,148	1,650[1]	466	..	1,912
1976	3,290[1]	1,040	1,557[1]	475	..	1,883
1977	2,984	930	1,491	454	5,027	1,677
1978	2,888	924	1,401	449	4,598	1,554

1) Estimated.

Source: SC, *Vital Statistics* (84-206)

Table 3.9
Infant Mortality Rates[1], Canada and Ontario, 1950-1978

	Neonatal		Post-neonatal		Perinatal	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
1950	24.4	22.6	17.1	11.9	37.9	35.7
1951	22.6	21.2	15.9	9.7	35.8	34.3
1952	22.7	20.7	15.5	9.9	35.2	33.7
1953	21.4	19.1	14.2	9.4	33.1	30.7
1954	19.3	17.7	12.6	8.1	31.9	30.0
1955	19.3	17.9	12.0	8.1	31.0	29.9
1956	20.1	17.5	11.8	7.7	31.7	28.9
1957	20.2	18.1	10.7	6.9	31.0	28.7
1958	19.3	17.7	10.9	7.2	30.2	28.6
1959	18.4	17.0	10.0	7.0	28.9	27.5
1960	17.6	16.6	9.7	6.9	28.4	26.8
1961	18.0	16.7	9.2	6.3	28.1	26.6
1962	18.7	17.2	8.9	6.0	28.6	27.4
1963	18.1	16.9	8.2	5.9	28.0	26.8
1964	17.3	15.7	7.4	5.6	27.4	25.6
1965	16.3	15.1	7.3	5.4	26.0	25.0
1966	16.1	14.8	7.0	5.4	25.5	24.9
1967	15.2	14.0	6.8	5.7	24.7	23.5
1968	14.8	14.5	6.0	4.5	23.7	24.2
1969	13.9	13.2	5.4	4.4	22.3	21.5
1970	13.5	12.7	5.3	4.2	21.8	20.9
1971	12.4	10.9	5.2	4.3	20.1	18.8
1972	11.9	11.1	5.2	4.1	19.0	19.1
1973	10.8	10.0	4.8	4.1	17.6	17.0
1974	10.1	9.4	4.9	4.0	16.7	16.2
1975	9.7[2]	9.1	4.6[2]	3.7	..	15.1
1976	9.1[2]	8.5	4.3[2]	3.9	..	15.2
1977	8.3	7.6	4.1	3.7	13.8	13.6
1978	8.0	7.6	3.9	3.7	12.8	12.8

1) Neonatal and post-neonatal, rates per 1,000 live births. Perinatal, rates per 1,000 total births (fetal deaths – still births – of 28 or more weeks gestation plus live births).
2) Estimated.

Source: SC. *Vital Statistics, (84-206)*

Deaths by Cause, Canada and Ontario, 1974–1978

	1974		1975		1976		1977		1978	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
All Causes	166,794	60,556	167,176	60,604	167,009	60,645	167,498	61,425	168,179	61,116
Infective and Parasitic Disease	1,119	285	1,035	310	1,016	306	1,021	269	987	292
Neoplasms	34,065	12,317	34,381	12,483	35,205	12,758	36,419	13,342	37,498	13,704
Endocrine, Nutritional and Metabolic Disease	3,889	1,278	3,885	1,258	3,702	1,294	3,719	1,255	3,655	1,307
Disease of Blood and Blood-Forming Organs	482	171	490	194	504	164	547	181	515	159
Mental Disorders	837	373	1,081	470	1,089	487	1,145	477	1,197	503
Disease of the Nervous System and Sense Organs	1,809	624	1,849	596	1,810	590	1,809	660	1,898	626
Diseases of the Circulatory System	82,162	31,377	80,903	30,873	81,679	31,054	81,474	31,447	80,484	30,586
Diseases of the Respiratory System	10,911	3,834	11,478	4,072	11,801	4,052	10,833	3,848	11,083	3,961
Diseases of the Digestive System	6,176	2,233	6,271	2,223	6,245	2,273	6,130	2,313	6,333	2,316
Diseases of the Genito-Urinary System	1,962	652	1,984	689	1,925	661	1,976	678	1,972	688
Complications of Pregnancy, Childbirth, and the Puerperium	35	12	27	6	24	10	18	7	23	8
Diseases of the Skin and Subcutaneous Tissue	110	32	132	48	111	51	123	54	103	49
Diseases of the Musculoskeletal System and Connective Tissue	615	188	562	181	573	195	541	184	523	165
Congenital Anomalies	1,718	552	1,635	516	1,595	509	1,585	481	1,632	507
Certain Causes of Perinatal Mortality	2,451	808	2,332	801	2,185	719	1,956	-629	1,810	587
Symptoms and Illdefined Conditions	1,592	603	2,632	599	2,194	668	2,201	655	2,379	664
Accidents, Poisonings, and Violence (External Cause)	16,861	5,217	16,499	5,285	15,351	4,854	16,001	4,945	16,087	4,994

Source: SC, *Causes of Death*, (84-203)

Table 3.11
Death from Suicide and Self-inflicted Injury by Cause and Sex, Canada and Ontario, 1974–1978

Cause of Death		1974		1975		1976		1977		1978	
		Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Solid or Liquid Substances	M	252	130	248	120	264	119	305	146	318	145
	F	364	176	352	164	397	168	400	182	371	167
Barbituric Acid and Derivatives	M	60	36	63	35	51	21	45	25	66	29
	F	106	65	91	51	114	60	77	44	78	42
Salicylates and Congeners	M	16	8	13	8	12	6	11	7	20	10
	F	33	17	32	13	20	7	21	10	28	16
Psychotherapeutic Agents	M	20	10	20	11	18	3	20	9	15	4
	F	36	11	30	12	30	9	24	12	36	19
Other and Unspecified Drugs	M	94	43	77	30	101	41	134	54	138	61
	F	106	42	142	57	162	57	199	70	158	53
Strychnine	M	4	2	7	2	8	3	5	–	5	–
	F	3	-	2	1	3	–	2	–	3	1
Lye and Potash	M	-	-	2	-	3	3	2	1	..	..
	F	-	-	1	-	1	–	1	–	..	..
Other and Unspecified[1]	M	58	31	66	34	71	42	88	50	74	41
	F	80	41	54	30	67	35	76	46	68	36
Gases in Domestic Use	M	2	1	1	-	3	2	1	1	3	2
	F	-	-	-	-	–	–	1	1	–	–
Other Gases	M	194	81	178	69	205	74	221	70	243	102
	F	57	27	52	24	44	17	57	22	68	23
Motor Vehicle Exhaust Gas	M	188	78	167	68	193	69	205	63	226	93
	F	56	27	46	23	38	14	52	21	66	22
Other Carbon Monoxide	M	5	3	9	-	11	5	15	7	15	9
	F	1	-	5	1	6	3	5	1	2	1
Other and Unspecified	M	1	-	2	1	1	–	1	–	2	–
	F	-	-	1	-	–	–	–	–	–	–

Table 3.11 (cont'd)

Death from Suicide and Self-inflicted Injury by Cause and Sex, Canada and Ontario,1974–1978

Cause of Death		1974		1975		1976		1977		1978	
		Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Hanging, Strangulation and Suffocation	M	420	160	398	160	387	160	487	172	569	167
	F	134	43	126	51	127	51	128	53	135	46
Submersion (Drowning)	M	106	40	75	26	80	19	98	27	115	32
	F	72	36	56	22	73	27	69	25	56	22
Firearms and Explosives	M	936	290	969	332	1,006	305	1,168	381	1,163	341
	F	85	24	84	25	89	31	103	31	124	24
Cutting and Piercing Instruments	M	33	16	25	8	32	12	39	14	43	14
	F	13	5	17	5	11	4	12	3	12	2
Jumping from High Places	M	98	34	92	43	84	31	82	34	95	53
	F	44	23	64	26	61	32	57	25	63	27
Other and Unspecified Means	M	60	32	43	18	45	16	58	19	61	29
	F	30	15	27	9	24	9	30	10	36	12
Late Effect	M	2	2	1	1	2	–	–	–	. .	. .
	F	-	-	-	-	1	–	1	–	. .	. .
TOTAL - Suicide and Self-inflicted Injury	M	2,103	786	2,030	777	2,108	738	2,459	864	2,610	885
	F	799	349	778	326	827	339	858	352	865	323

1) Includes Corrosive Aromatics, Arsenic and its Compounds, and Other and Unspecified solid or liquid substances.

Source: SC, *Causes of Death*, (84-203)

Table 3.12
Number of Suicides[1], by Selected City, Ontario, 1971–1978

	1971			1972			1973			1974		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Toronto	151	100	51	159	99	60	151	99	52	149	102	47
North York (Borough)	50	28	22	55	35	20	53	29	24	72	49	23
Scarborough (Borough)	36	25	11	34	18	16	35	25	10	54	39	15
Hamilton	37	29	8	45	32	13	38	25	13	38	28	10
Ottawa	37	20	17	55	32	23	54	40	14	53	37	16
Etobicoke (Borough)	38	26	12	37	18	19	32	22	10	26	17	9
London	37	25	12	34	25	9	23	16	7	42	25	17
Windsor	35	25	10	25	16	9	29	16	13	31	23	8
Mississauga	17	10	7	21	12	9	12	9	3	22	12	10
York (Borough)	17	11	6	17	11	6	9	6	3	10	6	4
Kitchener	22	16	6	15	9	6	15	10	5	6	6	-
St. Catharines	13	7	6	12	4	8	18	14	4	15	9	6
Thunder Bay	10	8	2	16	15	1	17	15	2	20	16	4
East York (Borough)	15	10	5	18	12	6	13	9	4	18	12	6
Oshawa	16	10	6	10	6	4	18	15	3	11	9	2
Sudbury	10	8	2	11	7	4	6	2	4	22	19	3
Burlington	6	4	2	9	6	3	6	2	4	14	5	9
Sault Ste. Marie	8	7	1	15	12	3	9	7	2	11	9	2
Niagara Falls	9	7	2	6	4	2	6	4	2	9	4	5
Brantford	7	5	2	11	9	2	5	3	2	8	5	3
Oakville	5	3	2	6	5	1	5	4	1	7	3	4
Guelph	8	8	-	7	5	2	7	5	2	9	6	3
Kingston	15	14	1	8	6	2	9	4	5	3	1	2
Peterborough	4	3	1	3	3	-	5	5	-	12	10	2
Sarnia	6	4	2	7	5	2	6	5	1	10	1	9
North Bay	6	5	1	5	4	1	6	5	1	4	3	1
Cornwall	4	4	-	4	2	2	3	2	1	9	9	-
Welland	13	9	4	2	1	1	3	1	2	7	5	2
Brampton	5	2	3	-	-	-	3	2	1	11	6	5
Cambridge[2]	3	3	-	2	1	1	4	3	1	4	3	1

Table 3.12 (cont'd)

Number of Suicides[1], by Selected City, Ontario, 1971–1978

	1975[r]			1976			1977			1978		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Toronto	131	87	44	123	75	48	153	99	54	161	108	53
North York (Borough)	56	31	25	60	34	26	33	26	7	65	39	26
Scarborough (Borough)	38	27	11	48	25	23	33	26	7	47	35	12
Hamilton	51	35	16	45	33	12	51	35	16	45	37	8
Ottawa	51	31	20	55	42	13	45	34	11	42	28	14
Etobicoke (Borough)	39	24	15	39	29	10	45	26	19	50	30	20
London	29	18	11	39	25	14	35	25	10	32	27	4
Windsor	34	18	16	23	9	14	38	29	9	26	18	8
Mississauga	27	17	10	16	9	7	31	18	13	37	28	9
York (Borough)	12	10	2	20	15	5	21	15	6	24	13	11
Kitchener	14	9	5	12	7	5	15	12	3	20	19	1
St. Catharines	15	9	6	22	16	6	19	14	5	26	21	5
Thunder Bay	23	18	5	22	18	4	19	15	4	14	10	4
East York (Borough)	18	10	8	9	8	1	25	16	9	22	12	10
Oshawa	8	4	4	12	8	4	18	13	5	14	9	5
Sudbury	11	9	2	15	11	4	14	6	8	7	4	3
Burlington	11	7	4	8	4	4	10	7	3	15	8	7
Sault Ste. Marie	6	5	1	5	4	1	9	7	2	10	9	1
Niagara Falls	8	5	3	9	6	3	12	10	2	15	10	5
Brantford	7	7	–	4	2	2	5	3	2	8	6	2
Oakville	3	3	–	10	5	5	9	5	4	6	5	1
Guelph	6	5	1	11	8	3	12	8	4	7	5	2
Kingston	8	4	4	8	7	1	9	4	5	13	8	5
Peterborough	10	8	2	4	4	-	10	9	1	6	6	–
Sarnia	10	8	2	11	10	1	8	5	3	8	5	3
North Bay	7	6	1	4	3	1	7	5	2	15	12	3
Cornwall	8	5	3	11	10	1	11	9	2	6	4	2
Welland	11	9	2	5	4	1	7	4	3	4	2	2
Brampton	10	9	1	8	5	3	8	3	5	12	9	3
Cambridge[2]	6	5	1	7	3	4	10	8	2	6	2	4

1) Count of suicide by location of attending coroner.

2) Galt became part of Cambridge in 1973. Figures for 1971 and 1972 are for Galt.

Source: Office of the Registrar General, *Ontario Vital Statistics*.

Table 3.13
Suicides by Sex and Age Group, Ontario, 1970-1979

Year	Total	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	N.S.
1970																			
M	610	-	4	33	70	49	40	59	71	53	56	48	44	42	20	8	9	4	-
F	312	-	1	13	13	23	29	25	40	39	39	34	19	17	12	4	3	1	-
T	922	-	5	46	83	72	69	84	111	92	95	82	63	59	32	12	12	5	-
1971																			
M	757	-	1	53	81	65	46	60	91	82	79	71	60	26	21	11	5	4	1
F	311	-	2	10	23	17	30	24	32	44	43	31	25	15	9	3	3	-	-
T	1,068	-	3	63	104	82	76	84	123	126	122	102	85	41	30	14	8	4	1
1972																			
M	695	-	9	54	74	69	46	52	76	76	57	50	45	29	27	17	6	6	2
F	350	-	1	15	21	42	27	31	48	39	39	30	16	14	10	12	5	-	-
T	1,045	-	10	69	95	111	73	83	124	115	96	80	61	43	37	29	11	6	2
1973																			
M	679	1	4	41	77	59	40	65	63	70	61	56	49	41	24	19	5	3	1
F	305	-	1	9	17	37	24	30	26	41	26	28	27	17	12	3	5	2	-
T	984	1	5	50	94	96	64	95	89	111	87	84	76	58	36	22	10	5	1
1974																			
M	786	-	4	65	104	77	54	69	84	69	70	53	40	31	34	18	10	3	1
F	349	-	2	11	23	33	29	37	36	43	46	28	25	20	9	3	2	2	-
T	1,135	-	6	76	127	110	83	106	120	112	116	81	65	51	43	21	12	5	1
1975																			
M	777	1	7	68	105	87	47	59	70	64	72	59	47	35	25	15	14	2	-
F	326	1	-	17	25	40	20	30	33	36	43	23	22	26	3	5	1	1	-
T	1,103	2	7	85	130	127	67	89	103	100	115	82	69	61	28	20	15	3	-
1976																			
M	738	-	4	58	87	98	61	60	67	68	78	48	34	26	22	14	7	4	2
F	339	-	3	14	30	30	25	34	34	39	30	33	26	15	14	8	4	-	-
T	1,077	-	7	72	117	128	86	94	101	107	108	81	60	41	36	22	11	4	2
1977																			
M	864	1	5	66	139	105	70	70	62	79	72	53	39	42	27	19	7	7	1
F	352	–	4	23	21	31	22	25	29	47	39	31	27	26	12	8	4	2	1
T	1,216	1	9	89	160	136	92	95	91	126	111	84	66	68	39	27	11	9	2
1978																			
M	885	–	3	66	113	117	87	61	75	83	78	65	38	26	35	16	10	10	2
F	323	–	2	14	30	34	30	19	32	34	32	28	21	23	10	7	6	1	–
T	1,208	–	5	80	143	151	117	80	107	117	110	93	59	49	45	23	16	11	2
1979																			
M	801	–	4	58	116	74	88	64	63	72	55	55	56	40	27	18	10	1	–
F	304	–	2	19	33	34	20	28	23	22	33	31	20	16	10	7	6	–	–
T	1,105	–	6	77	149	108	108	92	86	94	88	86	76	56	37	25	16	1	–

Table 3.14

Immigration by Intended Destination, Canada and Provinces, 1950-1979

	Canada	Ontario	Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon N.W.T.
1950	73,912	39,041	204	164	1,167	663	13,575	3,654	2,896	6,425	6,091	32
1951	194,391	104,842	259	211	2,035	1,423	46,033	8,749	4,178	12,238	14,394	29
1952	164,498	86,059	503	306	2,702	1,020	35,318	6,635	3,875	13,050	14,967	63
1953	168,868	90,120	502	261	2,206	1,080	34,294	8,191	3,790	15,227	13,118	79
1954	154,227	83,029	524	107	2,207	1,011	28,419	9,219	4,125	13,294	12,197	95
1955	109,946	57,563	444	123	1,841	659	22,117	5,062	2,654	7,843	11,570	70
1956	164,857	92,849	436	115	1,679	873	32,153	5,936	2,255	10,199	18,241	121
1957	282,164	147,097	495	134	2,789	1,674	55,073	11,614	4,427	21,131	37,528	202
1958	124,851	63,853	373	78	1,786	1,031	28,443	4,732	2,595	8,429	13,400	131
1959	106,928	55,976	345	91	1,087	640	24,816	3,610	1,815	7,423	11,000	125
1960	104,111	54,491	306	83	1,210	634	23,774	4,337	2,087	6,949	10,120	120
1961	71,689	36,518	365	69	901	770	16,920	2,527	1,333	4,823	7,326	137
1962	74,586	37,210	378	77	989	944	19,132	2,410	1,163	4,745	7,441	97
1963	93,151	49,216	349	78	1,198	769	23,264	2,792	1,438	4,731	9,254	62
1964	112,606	61,468	445	79	1,189	696	25,973	3,006	1,795	5,521	12,324	110
1965	146,758	79,702	604	137	1,612	1,074	30,346	3,948	2,649	8,049	18,502	135
1966	194,743	107,621	805	141	2,084	1,283	39,198	5,132	3,440	10,078	24,746	215
1967	222,876	116,850	984	147	2,406	1,322	45,717	9,313	3,754	15,004	27,215	164
1968	183,974	96,155	1,006	176	1,957	1,025	35,481	8,723	3,557	13,203	22,496	195
1969	161,531	86,588	832	182	2,167	1,239	28,230	6,380	2,492	11,274	21,953	194
1970	147,713	80,732	630	185	2,007	1,070	23,261	5,826	1,709	10,405	21,683	205
1971	121,900	64,357	819	172	1,812	1,038	19,222	5,301	1,426	8,653	18,917	183
1972	122,006	63,805	686	175	1,872	1,301	18,592	5,262	1,511	8,390	20,107	305
1973[1]	184,200	103,187	984	273	2,548	1,729	26,871	6,621	1,866	11,904	27,949	268
1974[1]	218,465	120,115	1,036	311	2,601	2,207	33,458	7,423	2,244	14,289	34,481	300
1975	187,881	98,471	1,106	235	2,124	2,093	28,042	7,134	2,837	16,277	29,272	290
1976	149,429	72,031	725	235	1,942	1,752	29,282	5,509	2,323	14,896	20,484	250
1977	114,914	56,594	583	192	1,587	1,158	19,248	5,058	2,231	12,694	15,395	174
1978	86,313	42,397	374	145	980	661	14,290	3,574	1,564	9,826	12,331	171
1979	112,096	51,947	553	289	1,336	1,145	19,522	4,903	2,760	12,778	16,586	208

[1] Figures for these years are slightly inflated by individuals who have previously entered Canada without Landed Immigrant Status but who applied between August and October 1973 for Landed Immigrant Status under the "Adjustment of Status Program" administered by the Department of Manpower and Immigration. Ontario (Canada) total immigrants, all ages, under this program as of December 28, 1973 and December 27, 1974 numbered 6,716 (15,505) and 4,727 (10,686) respectively. Of these figures some represent dependents not in the country of those making application. It is felt that a significantly large percentage of the 1974 figures represent dependents.

Source: Employment and Immigration Canada, Immigration and Demographic Policy Group, *Immigration Statistics*.

Table 3.15
Immigrants by Country of Last Permanent Residence, Canada and Ontario, 1974-1979

	1974		1975		1976		1977		1978		1979	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
TOTAL	218,465	120,115	187,881	98,471	149,429	72,031	114,914	56,594	86,313	42,397	112,096	51,947
Argentina	1,593	992	1,567	726	1,463	571	1,499	460	1,046	355	596	274
Australia	2,022	881	1,654	639	1,387	544	1,063	393	744	245	808	299
Belgium	613	192	656	219	532	136	436	81	359	92	503	97
Egypt	928	387	892	444	728	255	598	194	471	151	511	203
France	4,232	928	3,891	617	3,251	414	2,757	385	1,754	274	1,900	267
Germany, Fed. Rep. of	3,619	1,820	3,469	1,710	2,672	1,125	2,254	955	1,471	607	1,323	569
Greece	5,632	2,984	4,062	2,312	2,487	1,350	1,960	1,016	1,474	768	1,247	606
Hong Kong	12,704	5,582	11,132	4,698	10,725	4,676	6,371	2,881	4,740	2,081	5,966	2,658
India	12,868	6,371	10,144	4,980	6,733	3,048	5,555	2,406	5,110	2,151	4,517	1,959
Ireland, Republic of	1,292	760	1,098	603	639	305	571	275	469	232	553	276
Israel	1,090	560	1,527	772	1,201	529	957	448	735	369	831	412
Italy	5,226	3,567	5,078	3,396	4,530	2,457	3,411	1,947	2,976	1,812	1,996	1,170
Japan	859	382	635	216	498	177	412	134	359	116	666	240
Lebanon	1,762	909	1,506	679	7,161	2,924	3,847	1,437	1,454	561	1,747	690
Mexico	676	327	845	440	757	341	794	423	526	282	384	147
Netherlands	2,103	995	1,448	638	1,359	579	1,247	580	1,237	504	1,479	676
New Zealand	540	189	509	154	487	132	475	114	480	140	581	129
Pakistan	2,315	1,592	2,165	1,500	2,173	1,435	1,575	1,018	1,159	713	1,117	693
Philippines	9,564	4,866	7,364	3,871	5,939	2,871	6,232	2,957	4,370	2,053	3,873	1,617
Poland	945	517	809	479	903	528	902	514	753	440	1,045	572
Portugal	16,333	12,864	8,547	6,361	5,344	3,611	3,579	2,344	3,086	2,056	3,723	2,534
South Africa, Republic of	1,154	736	1,567	924	1,611	932	2,458	1,385	1,653	1,014	1,339	812
Spain	727	337	697	254	633	210	356	122	289	115	271	86
Sweden	593	248	408	163	269	95	260	105	226	95	262	129
Switzerland	1,336	554	1,272	434	1,192	336	944	301	801	268	1,073	356
Taiwan	1,382	783	1,131	592	1,178	618	899	469	637	313	707	375
Turkey	431	265	320	208	246	123	311	143	192	115	257	108
U.S.S.R.	602	329	278	100	315	130	299	96	379	185	1,385	786
United Kingdom	38,456	21,938	34,978	18,265	21,548	11,264	17,997	9,981	11,801	6,483	12,853	7,101
United States	26,541	9,749	20,155	7,723	17,315	6,292	12,888	5,063	9,945	4,176	9,617	3,990
Yugoslavia	3,200	2,475	2,932	2,164	1,741	1,253	1,408	1,038	927	697	887	644
Vietnam[2]	385	83	2,281	489	2,291	376	459	109	659	210	19,859	7,778
West Indies[1]	23,885	15,676	17,973	11,933	14,842	9,196	11,911	7,809	8,328	5,052	6,366	3,969
Other Countries	32,857	19,277	34,891	19,708	25,279	13,198	18,229	9,011	15,703	7,672	21,854	9,725

1) Figures for 1974 to 1979 are for Caribbean countries.
2) Figures shown for 1974 to 1977 are total immigration from South Vietnam and the Socialist Republic of Vietnam.

Source: Employment and Immigration Canada, Immigration and Demographic Policy Group, *Immigration Statistics*.

Table 3.16

Immigrants by Country of Last Permanent Residence and by Area of Destination, Ontario, 1980[p]

Area of Destination	Eastern Europe	Greece	Caribbean & Guyana	Hong Kong	South Asia	Italy	Laos	Vietnam	Philippines	Portugal	Cent. & South America	Africa	United Kingdom	United States	All Other	Total
Ontario	3,314	483	6,275	1,650	4,945	961	2,523	9,101	2,325	3,014	1,580	2,185	8,419	3,021	11,915	61,711
Brantford	14	1	24	1	81	3	12	99	13	13	10	4	65	18	45	403
Cambridge	67	1	18	–	55	–	59	120	5	136	5	11	162	19	56	714
Guelph	19	–	18	3	36	8	34	213	37	1	12	6	66	31	110	594
Hamilton	284	15	143	38	166	48	53	366	66	102	26	42	320	56	283	2,013
Kingston	21	6	8	2	6	2	14	126	12	23	5	13	45	25	79	387
Kitchener	142	2	114	11	107	2	161	251	10	60	28	29	89	48	138	1,192
London	138	14	125	37	36	20	51	360	11	88	12	42	356	105	290	1,685
Niagara Falls	14	4	5	3	15	18	16	82	6	1	9	2	67	46	63	351
Oshawa	35	3	63	15	21	7	30	116	10	7	10	12	98	40	72	539
Ottawa	144	20	289	82	188	44	77	702	60	40	83	98	312	128	1,010	3,277
Peterborough	10	–	4	1	9	1	18	101	–	–	2	–	43	11	35	235
St Catharines	63	5	32	6	20	16	107	125	20	–	7	18	190	55	93	757
Sarnia	16	2	15	8	16	7	11	98	7	3	6	25	121	47	84	466
Sault Ste Marie	14	3	1	4	4	7	12	59	1	10	–	4	78	35	22	254
Sudbury	22	1	7	5	12	2	23	81	1	3	5	10	29	5	55	261
Thunder Bay	52	4	14	10	13	8	1	158	8	17	5	23	43	40	87	483
Toronto	1,570	290	2,807	845	1,584	373	372	2,097	823	1,832	858	1,180	2,875	753	4,891	23,150
Windsor	97	14	37	43	78	62	47	311	49	8	29	30	188	139	329	1,461
Other	592	98	2,551	536	2,498	333	1,425	3,636	1,186	670	468	636	3,272	1,420	4,168	23,489

Source: Central Statistical Services, Ministry of Treasury and Economics.

Table 3.17
Immigrants by Intended Occupation, Ontario 1974-1979

	1974	1975	1976	1977	1978	1979
Destined to the Labour Force	–	–	–	–	194	114
Managerial, Administrative and Related Fields	3,279	2,673	2,463	2,127	1,156	1,290
Professional and Technical						
Natural Sciences	4,709	4,633	2,575	1,839	1,360	1,739
Physical Sciences	569	406	228	177	141	164
Life Sciences	236	207	127	110	73	84
Architects and Engineers	1,147	1,056	703	513	337	408
Other Architecture and Engineering	2,132	2,408	1,217	769	566	793
Mathematics, Statistics, System Analysis and Related	625	556	300	270	243	290
Social Sciences and Related Fields	603	502	408	281	234	181
Social Sciences	232	197	170	102	72	59
Social Work and Related Fields	182	151	125	83	71	62
Law and Jurisprudence	78	63	45	47	47	22
Library, Museum and Archival Sciences	111	91	68	49	44	38
Religion – Members of the Clergy and Related	185	164	169	206	175	179
Teaching and Related	1,267	1,050	883	621	484	544
Medicine and Health	2,742	2,255	1,386	959	778	930
Diagnosing and Treating	511	378	163	116	94	132
Nursing, Therapy and Related Assisting Occupations	1,539	1,372	857	515	432	504
Other Medicine and Health	692	505	366	328	252	294
Artistic, Literary, Performing Arts and Related	680	551	571	515	360	407
Fine and Commercial Art, Photography and Related Fields	535	441	413	380	282	335
Writing	145	110	158	135	78	72
Sports and Recreation	51	46	50	47	31	57
Clerical and Related	9,138	6,693	4,820	3,849	2,710	2,995
Sales	2,301	1,910	1,278	1,153	779	870

Table 3.17 (cont'd.)
Immigrants by Intended Occupation, Ontario 1974-1979

	1974	1975	1976	1977	1978	1979
Service	5,876	3,461	2,458	2,245	1,724	1,789
Farming, Horticultural and Animal Husbandry	1,222	714	555	544	407	591
Fishing, Hunting, Trapping and Related	29	15	8	9	11	30
Forestry and Logging	38	50	11	5	4	8
Mining and Quarrying including Oil and Gas Field	60	70	28	25	12	9
Processing	1,434	855	576	435	326	492
Machining and Related	5,189	2,954	1,620	1,324	1,042	1,356
Product Fabricating Assembling and Repairing	8,059	5,870	3,525	2,804	1,959	3,204
Construction	5,417	3,178	1,930	1,500	1,124	1,106
Construction	224	123	91	53	35	51
Electrical Power, Lighting and Wire Communication Equipment	598	442	273	225	156	227
Other Construction Trades	4,595	2,613	1,566	1,222	9333	828
Transport Equipment Operating	677	509	345	227	165	338
Air Transport	33	44	17	17	16	13
Rail Transport	4	5	8	5	1	4
Water Transport	56	49	40	23	15	32
Motor Transport	581	411	278	179	133	289
Other Transport	3	–	2	3	–	–
Material Handling and Related	757	428	248	155	105	182
Other Crafts and Equipment Operating	370	282	201	166	95	143
Not Elsewhere Classified	4,064	2,825	2,460	2,003	2,095	3,860
Total Workers	58,147	41,688	28,568	23,039	17,330	22,414
Non Workers	61,968	56,783	43,463	33,555	25,067	29,533
Grand Total	120,115	98,471	72,031	56,594	42,397	51,947

Source: Employment and Immigration Canada, Immigration and Demographic Policy Group, *Immigration Statistics*.

Section
4

Family and Social Services

Highlights

- **Families** – The estimated number of families in Ontario on June 1, 1980 was 2.2 million, an increase of 337,000 or 17.9 per cent since the 1971 census, and of 556,000 or 33.5 per cent since the 1966 census. The average number of persons per family in Ontario in 1976 was 3.4, a slight decrease from the 1971 census which showed an average of 3.6 persons per family.

  The combined number of families with no children or only one child decreased to 54.7 per cent of all families in 1976 in Ontario, compared with 58.1 per cent in 1971.

- **Marriage and Divorce** – Between 1978 and 1979 the total number of marriages in Canada increased 1.2 per cent from 185,523 to 187,811. Ontario also witnessed an increase in the number of marriages, from 67,491 to 67,980. During the same period, the number of divorces in Canada rose by 4.1 per cent, from 57,155 to 59,474 for Ontario, there was an increase of 6.1 per cent from 20,534 to 21,793.

  The marriage rate per 1,000 population in 1979 was 7.9 for Canada and 8.0 for Ontario; in the same year the divorce rate per 1,000 population was 251.3 for Canada and 256.3 for Ontario.

- **Social Services Expenditures** – Social services expenditures by federal, provincial, municipal governments and other agencies amounted to $1,195.5 million in Ontario in 1979. The Provincial-Federal government's share was $1,061.7 million. $419.6 million of this was allocated to family benefits – allowances, $96.0 million to homes for the aged, and $109.2 million to child welfare – Children's Aid Societies, the rest going to a variety of other social services. From 1975-76 to 1979-80, total expenditure on social services in Ontario rose from $800.8 million to $1,195.5 million, an increase of 49.3 per cent.

Definitions

Family – A group of two or more persons living in the same dwelling and related to one another either as husband and wife (with or without unmarried children) or as parent and children. Any other persons in the dwelling who might be related to the family head are not, however, counted as members of the family. Sometimes such persons would constitute a second family in the dwelling. For example, where a married son and his family are living in the same dwelling as his parents there would be two families in the same dwelling.

Children in Families – Unmarried sons and daughters 24 years and under living with their parents were classified as children in the family. Unmarried sons and daughters 25 years and over living with their parents were counted as family members but not as children. Stepchildren and adopted children under 25 years were included in the number of children in families. Guardianship children or wards under 21 years were similarly treated.

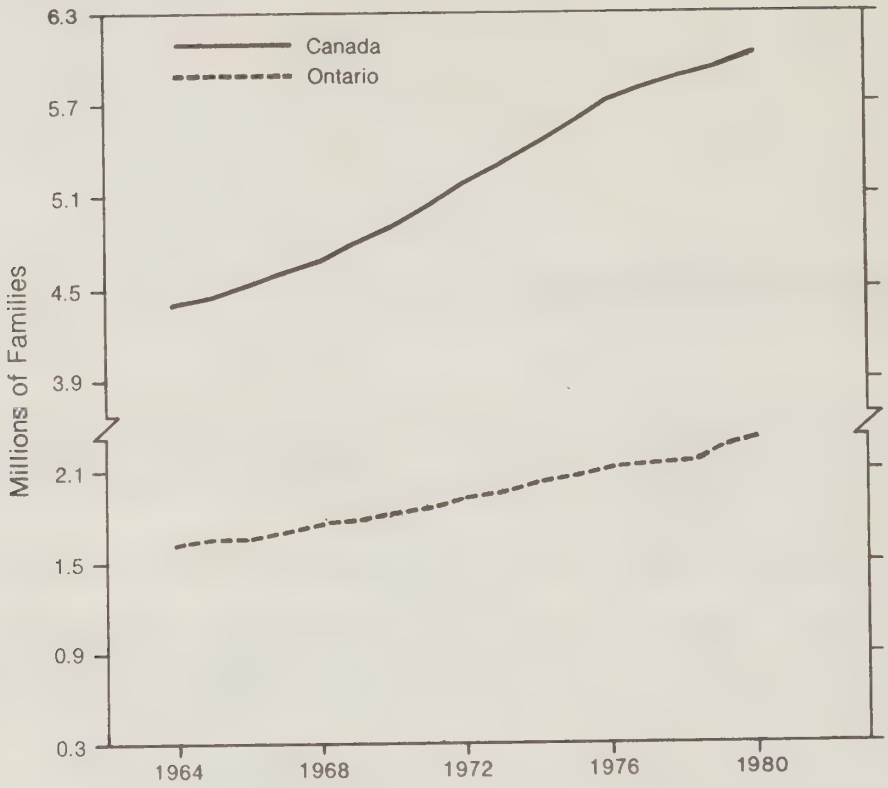
Coverage of Data on Family Estimates – The May 1973 Labour Force Survey which supplied the sample data on families covered about 30,000 households in approximately 450 areas across Canada. Excluded were households in the Yukon and Northwest Territories, households of Indians on reserves and households in institutions and military camps. Accordingly, the family estimates exclude families in such households except that allowance was made for families on Indian Reserves.

Reliability of Estimates – The figures in this report for 1966 and 1971 are census figures. The estimates for 1973 are obtained by weighting the sample survey figures on the basis of the 1971 Census population statistics adjusted for births, deaths and migration between 1971 and 1973. The changes shown during the year are affected by sampling errors as well as by enumeration and response differences. Accordingly, small changes in the figures from year to year may not be significant as they reflect sampling error and enumeration differences as well as real changes that may have occurred.

Family, Census – Consists of a husband and wife (with or without children who have never been married, regardless of age) or a parent with one or more children never married, living in the same dwelling. A family may also consist of a man or woman living with a guardianship child or ward under 21 years for whom no pay was received.

Graph 4.A

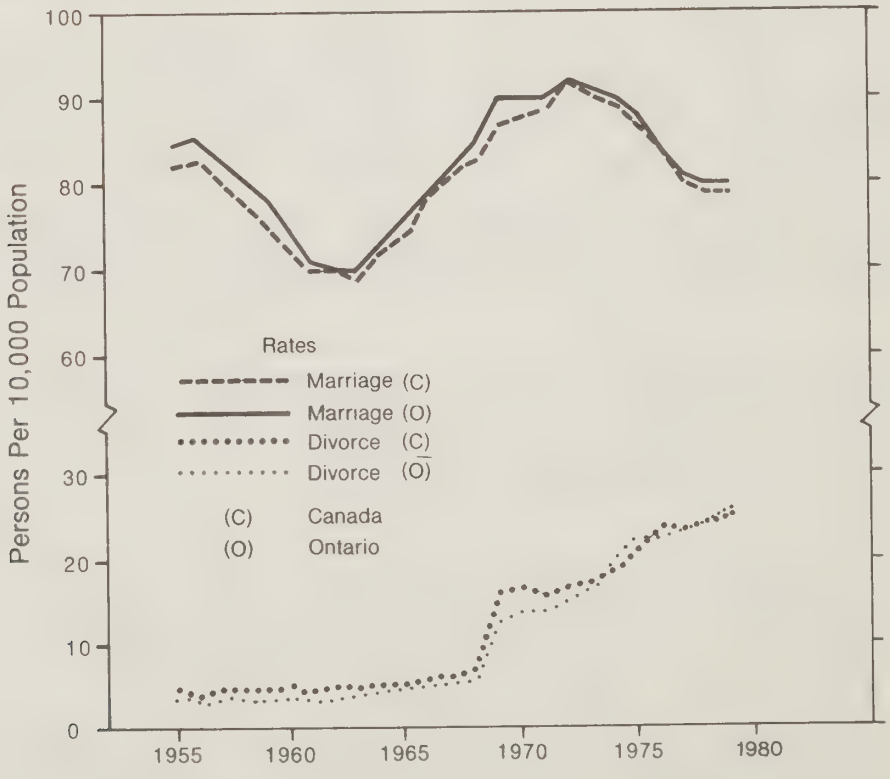
Number of Families, Canada and Ontario, 1964-1980



Refer to Table 4.1.

Graph 4.B

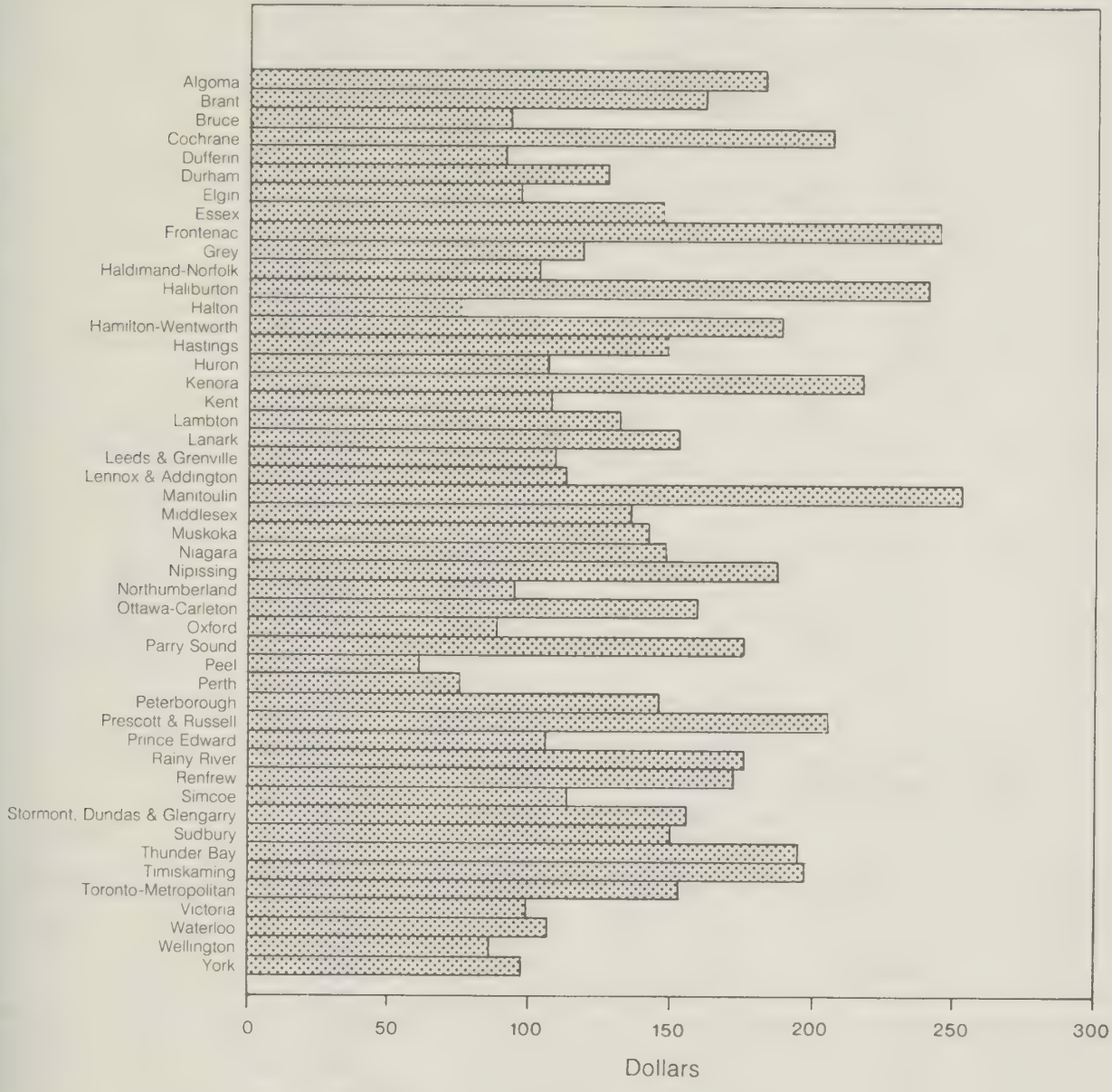
Marriage Rates and Divorce Rates, Canada and Ontario, 1955-1979



Refer to Table 4.7.

Graph 4.C

Social Services Expenditures per Capita by County, Ontario, 1979-1980



Refer to Table 4.11

Table 4.1
Number[1] of Families, by Region, Canada[2], 1962-1980

	Canada	Ontario	Atlantic Provinces	Québec	Prairie Provinces	Britis Columb
			'000's			
1962	4,239	1,554	406	1,135	740	4
1963	4,314	1,580	410	1,157	750	4
1964	4,400	1,618	417	1,182	762	4
1965	4,454	1,645	409	1,204	755	4
1966	4,518	1,658	415	1,229	771	4
1967	4,608	1,703	417	1,248	777	4
1968	4,696	1,745	421	1,262	789	4
1969	4,807	1,793	427	1,284	805	4
1970	4,908	1,813	445	1,314	806	5
1971	5,043	1,877	452	1,354	830	5
1972	5,168	1,922	463	1,389	843	5
1973	5,299	1,966	477	1,427	858	5
1974	5,443	2,019	489	1,467	875	5
1975	5,587	2,065	502	1,506	899	6
1976	5,715	2,105	515	1,540	926	6
1977	5,813	2,137	524	1,563	953	6
1978	5,899	2,169	532	1,576	977	6
1979[r]	5,969	2,191	540	1,585	998	6
1980[p]	6,049	2,214	546	1,596	1,020	6

1) Number of Families are estimates.
2) Not including Yukon and Northwest Territories.

Source: SC, *Estimates of Families for Canada and the Provinces*, (91-204)

Table 4.2
Census Families by Size and by Number of Children Living at Home, Ontario, Census Years, 1956-1976

	1956	1961	1966	1971	197
Total Families	1,342,572	1,511,478	1,657,933	1,881,835	2,104,5
Size of Census Family					
2 Persons	452,721	477,049	512,434	620,170	756,3
3 Persons	313,754	326,671	336,385	395,295	449,7
4 Persons	285,629	327,203	355,712	405,980	484,7
5 Persons[1]	155,124	196,663	227,294	244,030	413,7
6 + Persons	135,344	183,892	226,108	216,355	
Persons in Families	4,702,271	5,496,900	6,156,692	6,738,065	7,124,6
Average number of Persons per Family	3.5	3.6	3.7	3.6	3
Number of Children Living at Home					
0 Children	459,160	475,531	504,438	695,425	650,9
1 Child	307,693	322,149	333,970	397,620	499,4
2 Children	234,561	329,682	360,303	415,710	515,5
3 Children	108,430	198,722	229,995	250,270	266,1
4 Children	42,877	98,997	120,888	124,510	111,2
5 + Children	25,529	86,397	108,339	98,305	61,1
Children in Families	2,009,876	2,487,403	2,870,759	3,046,160	3,118,0
Average number of Children per Family	1.5	1.6	1.7	1.6	

1) For 1976, read 5+ Persons.

Source: SC, *Families, Families by Size and Type. Families, Children in Families.*

ble 4.3

mber of Census Families, by County, Canada and Ontario, Census Years, 1956-1976

	1956	1961	1966	1971	1976
nada	3,711,500	4,147,444	4,526,266	5,070,680	5,727,895
tario	1,342,572	1,511,478	1,657,933	1,881,835	2,104,540
goma	17,961	25,108	25,297	27,960	30,210
ant	19,747	20,754	22,120	23,825	25,795
uce	10,105	10,126	10,069	11,455	14,535
ochrane	18,745	20,495	20,116	21,490	23,065
fferin	3,883	3,884	4,122	5,185	7,330
ndas	4,119	4,092	4,127	4,320	4,765
rham	8,880	9,613	10,455	11,570	64,125
gin	14,462	14,921	14,814	16,250	17,615
ssex	62,314	63,244	67,097	74,400	78,975
ontenac	17,597	19,578	21,662	24,070	26,700
engarry	3,977	4,044	3,863	4,165	4,660
renville	5,098	5,509	5,638	6,050	6,750
rey	15,415	15,422	15,318	16,650	18,805
aldimand	6,430	6,775	7,070	7,930	23,130[6]
aliburton	1,974	2,201	2,017	2,410	3,005
alton	17,553	26,314	33,718	47,505	59,820
astings	20,244	22,018	21,999	24,205	27,280
uron	12,275	12,630	12,542	12,815	14,175
enora	10,273	11,226	11,648	12,105	13,480
ent	21,279	21,842	22,936	24,600	27,050
mbton	22,281	24,514	25,029	28,065	31,110
nark	8,959	9,098	9,241	9,960	10,995
eds	10,295	11,035	11,451	12,395	13,580
nnox-Addington	5,331	5,705	6,010	6,880	8,425
anitoulin	2,466	2,445	2,280	2,395	2,515
ddlesex	47,189	53,448	59,599	69,255	77,025
uskoka[1]	6,215	6,489	6,713	7,995	9,665
agara[2]	66,531	72,403	79,029	87,000	95,730
pissing	13,193	15,142	15,715	17,825	19,695
rfolk	11,666	12,502	12,446	13,675	..
rthumberland	9,283	9,983	10,632	11,865	16,885
ntario	27,163	33,161	40,785	48,550	..[7]
tawa-Carleton[3]	66,996	81,400	93,004	111,640	127,695
xford	16,136	17,027	18,058	19,600	21,830
rry Sound	6,487	6,854	6,607	7,430	8,460
el	21,219	27,747	41,537	64,835	97,695
rth	13,813	14,102	14,454	15,270	16,750
terborough	16,629	18,321	19,355	21,685	26,195
escott	5,545	5,689	5,761	6,270	7,105
ince Edward	5,220	5,130	5,127	5,105	5,830
iny River	5,827	5,959	5,771	5,970	6,080
nfrew	17,587	19,767	19,645	21,040	21,985
ssell	3,967	4,300	4,378	3,520	4,760
mcoe	29,567	32,566	34,172	41,440	53,975
rmont	12,905	13,157	13,444	14,425	15,540
dbury	31,186	36,316	37,850	45,485	47,930[8]
under Bay	28,375	31,801	32,573	34,545	37,355
miskaming	11,317	11,307	10,543	10,810	10,740
ronto[4]	..	..	..	518,360	540,690
ctoria	7,093	7,354	7,586	8,700	11,725
aterloo	37,906	43,461	51,962	62,870	74,365
ellington	18,542	20,222	22,012	26,385	31,215
entworth	81,699	89,789	96,670	100,820	107,080[9]
rk[5]	381,653	443,488	500,654	40,820	52,645

istrict Municipality, comprising the former Territorial District of Muskoka as well as part of the Unorganized Township of Finlayson in the erritorial District of Nipissing.

egional Municipality, comprising the former counties of Lincoln and Welland.

egional Municipality, comprising the former county of Carleton as well as Cumberland Township in Russell County

etropolitan Municipality, comprising that part of former York County previously known as "Toronto Metropolitan Corporation"

egional Municipality, comprising that part of the former York County outside the old "Toronto Metropolitan Corporation"

or 1976, the figure is for the Regional Municipality of Haldimand-Norfolk.

urham Regional Municipality and Simcoe County acquired parts of what was formerly Ontario County in 1973.

he Sudbury figure includes 41,370 families in the Regional Municipality of Sudbury and 6,560 families in the Territorial District of udbury.

976 figure is for the Regional Municipality of Hamilton-Wentworth which was formed in 1973.

Source: SC, *Families, Families By Size and Type*.

Table 4.4
Marriages by Age of Bride and Groom, Canada and Ontario, 1975-1979

		1975		1976		1977		1978		1979	
		Brides	Grooms	Brides	Grooms	Brides	Grooms	Brides	Grooms	Brides	Groo
Total	Canada	197,585	197,585	186,844	186,844	187,344	187,344	185,523	185,523	187,811	187,8
	Ontario	72,209	72,209	69,364	69,364	67,730	67,730	67,491	67,491	67,980	67,9
Under 15 Years	Canada	-	-	53	-	65	1	18	–	23	
	Ontario	-	-	27	-	29	1	11	–	–	
15-19 Years	Canada	50,311	14,260	44,880	12,508	41,634	11,320	37,805	9,995	34,877	8,8
	Ontario	18,690	5,632	16,491	5,035	14,900	4,279	13,344	3,727	12,106	3,3
20-24 Years	Canada	90,041	94,223	84,078	86,050	85,564	84,753	85,877	82,824	87,769	82,0
	Ontario	31,222	32,750	30,296	30,459	29,669	29,374	30,048	28,722	30,806	28,4
25-29 Years	Canada	27,918	46,731	28,327	45,663	29,547	46,713	30,636	46,980	32,559	49,0
	Ontario	10,702	17,195	10,844	17,243	11,174	16,798	11,632	17,189	12,258	17,7
30-34 Years	Canada	9,832	15,552	10,395	16,036	11,334	17,529	12,118	18,503	13,032	19,7
	Ontario	3,899	6,118	4,038	6,234	4,486	6,795	4,857	7,121	5,120	7,5
35-39 Years	Canada	5,138	7,494	5,151	7,552	5,405	7,934	5,771	8,488	6,099	8,9
	Ontario	2,069	2,990	2,112	2,921	2,147	3,065	2,319	3,323	2,428	3,4
40-44 Years	Canada	3,465	5,013	3,483	4,895	3,504	5,029	3,538	5,009	3,618	5,1
	Ontario	1,434	1,977	1,431	1,909	1,357	1,966	1,464	1,987	1,472	2,0
45 + Years	Canada	10,582	13,929	10,270	13,752	10,145	13,798	9,699	13,591	9,730	13,6
	Ontario	4,152	5,529	4,121	5,558	3,964	5,448	3,812	5,420	3,789	5,3
Not Stated	Canada	298	383	207	388	146	267	61	133	104	2
	Ontario	41	18	4	5	4	4	4	2	1	

Source: SC, *Vital Statistics*.

able 4.5

Marriages[1], by Selected Municipality, Ontario, 1974-1979

	1974	1975	1976	1977	1978	1979
oronto	14,166	15,217	14,706	13,351	12,354	10,949
orth York (Borough)	2,174	2,089	1,915	1,941	1,963	2,448
carborough (Borough)	2,218	2,214	2,092	2,070	2,120	2,209
amilton	2,962	2,936	2,763	2,669	2,629	2,762
ttawa	3,490	3,476	3,455	3,544	3,464	3,330
obicoke (Borough)	1,769	1,701	1,663	1,642	1,669	1,711
ndon	2,168	2,159	2,060	2,108	2,154	2,170
indsor	2,072	1,924	1,808	1,861	1,888	1,814
issisauga	1,559	1,180	1,260	1,384	1,602	1,596
rk (Borough)	521	520	394	424	475	429
tchener	1,084	1,016	1,003	1,031	1,249	1,278
. Catharines	1,117	1,069	987	1,020	1,037	1,019
under Bay	1,078	1,025	1,041	1,042	1,042	1,019
st York (Borough)	315	301	251	238	220	227
shawa	883	871	886	831	801	879
dbury	1,105	991	995	993	939	876
rlington	570	583	571	659	677	801
ult Ste. Marie	803	780	740	714	734	784
agara Falls	661	605	572	533	591	753
mbridge	778	821	788	666	519	533
antford	729	689	624	620	648	692
kville	535	455	459	411	385	384
elph	587	612	580	557	539	569
ngston	788	824	709	681	693	695
terborough	677	681	626	576	583	584
rnia	591	648	570	562	542	594
rth Bay	487	535	475	480	516	522
rnwall	603	570	572	494	454	533
lland	454	409	373	392	366	403
mpton	780	1,008	931	870	961	931

By place of occurrence.

rce: Office of the Registrar General.

Table 4.6
Marriages and Divorces, Canada and Ontario, 1950-1979

	Marriages		Divorces	
	Canada	Ontario	Canada	Ont
1950	125,083	43,744	5,386	2,
1951	128,408	45,198	5,270	2,
1952	128,474	45,251	5,650	2,
1953	131,034	45,954	6,160	2,
1954	128,629	45,028	5,923	2,
1955	128,029	44,634	6,053	2,
1956	132,713	46,282	6,002	2,
1957	133,186	46,780	6,688	2,
1958	131,525	46,894	6,279	2,
1959	132,474	46,598	6,543	2,
1960	130,338	45,855	6,980	2,
1961	128,475	44,434	6,563	2,
1962	129,381	44,454	6,768	3,
1963	131,111	45,306	7,686	3,
1964	138,135	48,501	8,623	3,
1965	145,519	51,274	8,974	4,
1966	155,596	54,571	10,239	4,
1967	165,879	58,377	11,165	4,
1968	171,766	62,109	11,343	5,
1969	182,183	67,150	26,093	11,
1970	188,428	68,874	29,775	12,
1971	191,324	69,590	29,685	12,
1972	200,470	72,278	32,389	13,
1973	199,064	72,371	36,704	13,
1974	198,824	72,716	45,019	15,
1975	197,585	72,209[r]	50,611	17,
1976	193,343	69,364	54,207	18,
1977	187,344	67,730	55,370	19,
1978	185,523	67,491	57,155	20
1979	187,811	67,980	59,474	21

Source: SC, *Vital Statistics*.

able 4.7

Marriage Rates and Divorce Rates, Canada and Ontario, 1950-1979

	Marriage Rates		Divorce Rates	
	Canada	Ontario	Canada	Ontario
	Rate per 1,000 Population		Rate per 100,000 Population	
950	9.1	9.8	39.3	50.1
951	9.2	9.8	37.6	45.9
952	8.9	9.5	39.1	46.3
953	8.8	9.3	41.5	57.2
954	8.4	8.8	38.7	48.3
955	8.2	8.5	38.6	48.1
956	8.3	8.6	37.3	45.8
957	8.0	8.3	40.3	51.0
958	7.7	8.1	36.8	47.7
959	7.6	7.8	37.4	48.8
960	7.3	7.5	39.1	48.5
961	7.0	7.1	36.0	43.9
962	7.0	7.0	36.4	49.4
963	6.9	7.0	40.6	49.9
964	7.2	7.3	44.7	52.9
965	7.4	7.6	45.7	60.2
966	7.8	7.8	51.2	58.9
967	8.1	8.2	54.8	61.0
968	8.3	8.5	54.8	69.3
969	8.7	9.0	124.2	160.4
970	8.8	9.0	139.8	164.9
971	8.9	9.0	137.6	158.5
972	9.2	9.2	148.4	168.6
973	9.0	9.1	166.1	173.6
974	8.9	9.0	200.6	188.7
975	8.7	8.8	222.0	212.6
976	8.4	8.4	235.8	224.9
977	8.0	8.1	237.7	235.7
978	7.9	8.0	243.4	243.1
979	7.9	8.0	251.3	256.3

urce: SC, *Vital Statistics*.

Table 4.8
Provincial-Federal, Municipal and Other Sources Participation in Social Service Expenditur by Program, Ontario, Year Ending March 31, 1980

	Provincial and Federal	Municipal	Other Sources	T
Non-Capital Expenditures for Social Assistance and Services				
General Welfare Assistance – Allowances	179,529,252	44,128,456	–	223,657,
General Welfare Assistance – Administration Subsidy	18,211,449	18,211,449	–	36,422,
Family Benefits	419,634,523	–	–	419,634,
Municipal Homes for the Aged	96,007,232	14,429,381	–	110,436,
Charitable Institutions for Adults	26,808,402	–	3,253,645	30,062,
Elderly Persons' Centres and other Supp. Services	3,316,218	1,189,960	1,784,936	6,291,
Day Nurseries	36,214,889	9,053,722	–	45,268,
Day Nurseries for Mentally Retarded	6,275,278	–	1,568,820	7,844,
Child Welfare – C.A.S.	109,221,416	25,729,161	–	134,950,
Child Abuse	1,471,596	–	–	1,471,
Local Children's Services Committees	655,615	–	–	655
Institutions for Children and Youth	6,208,561	–	1,552,140	7,760,
Charitable Institutions for Children and Youth	1,506,788	–	376,698	1,883,
Juvenile Delinquency	305,208	305,208	–	610
Correctional Services (St. John's School)	2,781,900	–	–	2,781,
Mental Health Facilities – Operating	55,756,162	–	–	55,756
Homes for Retarded Persons	17,752,878	–	4,438,219	22,191
Protective and Supportive Services (Children)	5,540,000	–	–	5,540
Homemakers and Nurses Services	6,247,632	1,561,908	–	7,809
Vocational Rehabilitation	9,661,258	–	–	9,661
Charitable Institutions for Rehabilitation	2,691,083	–	672,771	3,363
Residential Facilities for Mentally Retarded	25,586,826	–	–	25,586
Workshops for Disabled	6,692,868	–	1,673,217	8,366
Workshops for Mentally Retarded	14,233,862	–	3,558,466	17,792
Life Skills Training	2,590,016	–	–	2,590
Protective and Supportive Services (Adults)	3,192,832	–	–	3,192
Family Services Agencies and Family Crisis	977,340	–	–	977
Work Activity Project	1,281,912	320,478	–	1,602
Credit Counselling Services	538,476	–	–	538
Demonstration Projects	469,001	–	–	469
Payments in Lieu of Municipal Taxes	380,129	–	–	380
Total Assistance and Services	1,061,740,602	114,929,723	18,878,912	1,195,549
Capital Expenditures for New and Acquired Buildings				
Municipal Homes for the Aged	610,154	–	–	610
Charitable Institutions for Adults	741,649	–	–	741
Elderly Persons' Centres	5,826	–	–	5
Day Nurseries	533,811	–	–	533
Day Nurseries for Mentally Retarded	132,073	–	–	132
Children's Aid Societies	25,526	–	–	25
Institutions for Children and Youth	127,103	–	–	127
Homes for Retarded (Children)	736,789	–	–	736
Mental Health Facilities	258,640	–	–	258
Charitable Institutions for Rehabilitation	21,631	–	–	21
Homes for Retarded (Adults)	422,340	–	–	422
Homes for Retarded (Schedule II)	87,914	–	–	87
Homes for Retarded – Other Residential Services	248,146	–	–	248
Sheltered Workshops for Mentally Retarded	218,672	–	–	218
Sheltered Workshops – Training Services	2,021,636	–	–	2,021
Group Homes for Disabled	582,195	–	–	582
Total Capital	6,774,105	–	–	6,774
Grand Total	1,068,514,707	114,929,723	18,878,915	1,202,323

Source: Ministry of Community and Social Services, *Expenditures by Municipality*

ıble 4.9

rovincial-Federal, Municipal and Other Participation in Social Service Expenditures, by unicipal Unit, Year Ending March, 1980

unicipal Unit	Provincial and Federal	Municipal	Other Sources	Total
		%		$
tario	88.81	9.61	1.58	1,195,549,237
goma	93.10	6.71	.19	9,949,827
rrie	91.17	2.97	5.86	7,334,052
ant	90.85	7.81	1.34	17,787,554
ckville	90.61	6.81	2.58	3,440,612
uce	90.80	7.91	1.29	5,555,701
atham	91.66	5.95	2.39	6,346,693
chrane	92.37	6.77	.86	11,793,543
rnwall	90.89	7.17	1.94	10,591,512
fferin	88.91	9.31	1.78	2,789,441
rham	87.85	10.76	1.39	35,174,563
in	90.91	8.35	.74	3,079,939
sex	87.43	11.39	1.18	9,581,129
ntenac	90.95	7.58	1.47	3,177,128
ey	90.89	7.30	1.81	8,735,547
ldimand-Norfolk	91.41	7.75	.84	8,984,137
liburton	94.63	4.50	.87	2,581,439
lton	90.16	7.72	2.12	18,372,135
milton-Wentworth	88.78	9.85	1.37	77,029,801
stings	92.12	7.01	.87	15,803,255
ron	90.74	7.30	1.96	5,923,077
nora	90.21	8.54	1.25	13,287,206
nt	90.21	9.02	.77	5,414,337
gston	94.15	5.13	.72	24,898,253
mbton	86.58	12.54	.88	6,997,164
nark	90.33	8.35	1.32	6,870,830
eds & Grenville	92.21	6.88	.91	5,388,172
nox & Addington	92.64	6.25	1.11	3,687,970
ndon	88.85	8.77	2.38	35,635,440
nitoulin	90.93	9.07	.00	3,212,643
ddlesex	89.38	7.72	2.90	7,680,465
skoka	90.15	8.77	1.08	5,212,387
gara	89.86	8.12	2.02	55,040,711
issing	94.48	4.58	.94	5,600,427
th Bay	91.50	6.47	2.03	9,360,655
thumberland	90.35	8.17	1.48	6,096,998
awa-Carleton	85.76	12.89	1.35	86,988,242
ord	88.31	9.23	2.46	7,564,653
ry Sound	90.88	7.85	1.27	5,664,789
el	86.00	11.98	2.02	26,681,294
th	90.17	6.96	2.87	1,842,489
erborough	93.44	6.56	.00	2,527,610
erborough City	90.01	8.27	1.72	11,947,827
scott & Russell	90.00	8.40	1.60	10,876,498
ce Edward	91.68	7.07	1.25	2,320,677
ny River	88.53	9.38	2.09	4,256,104
frew	92.57	6.16	1.27	15,061,024
nia	88.19	9.54	2.27	8,904,966
lt Ste. Marie	90.51	8,.40	1.09	14,000,807
Thomas	91.43	6.23	2.34	3,585,271
coe	91.65	6.81	1.54	17,419,135
rmont, Dundas & lengarry	93.18	5.51	1.31	5,630,178
tford	87.82	9.92	2.26	3,056,603
lbury	90.65	8.18	1.17	30,131,163
nder Bay	89.67	9.56	.77	5,658,111
nder Bay City	88.31	10.11	1.58	23,804,887
iskaming	94.05	5.08	.87	8,360,929
rmins	90.11	8.94	.95	9,755,146
nto-Metropolitan	86.71	11.65	1.64	323,651,896
oria	93.36	5.77	.87	4,654,855
erloo	87.33	10.67	2.00	32,235,191
lington	88.62	9.60	1.78	11,143,640
dsor	90.05	8.67	1.28	37,329,471
k	91.01	6.53	2.46	22,081,038

Table 4.10
Expenditures of Social Services, Programs, by County, Ontario, 1975-76 to 1979-80[1]

County	1975-76	1976-77	1977-78	1978-79	1979-8
		$			
Ontario	800,845,353	842,946,463	999,186,638	1,094,662,757	1,195,549,23
Algoma	14,332,891	15,028,440	17,062,995	21,057,174	23,950,63
Brant	11,860,580	12,098,193	14,132,927	15,864,237	17,787,55
Bruce	4,217,645	4,284,077	4,992,001	5,023,599	5,555,70
Cochrane	13,555,555	15,134,406	17,889,152	20,360,448	21,548,68
Dufferin	2,215,168	2,220,504	2,493,027	2,619,415	2,789,44
Durham	20,931,091	21,781,915	28,084,491	31,502,558	35,174,56
Elgin	4,817,012	5,108,772	5,851,841	6,159,653	6,665,21
Essex	34,419,382	33,743,683	38,580,256	41,047,743	46,910,59
Frontenac	14,864,858	15,071,082	21,995,343	25,180,277	28,075,38
Grey	5,243,960	5,601,543	7,056,203	7,707,309	8,735,54
Haldimand-Norfolk	6,907,235	7,048,056	8,019,263	8,734,221	8,984,13
Haliburton	1,305,691	1,331,266	2,500,164	2,901,805	2,581,43
Halton	9,734,497	13,179,224	15,978,199	17,322,893	18,372,13
Hamilton-Wentworth	54,520,112	53,432,628	66,031,058	74,515,200	77,029,80
Hastings	10,915,892	11,679,787	13,275,496	14,409,843	15,803,25
Huron	4,102,567	4,268,010	5,129,466	5,441,930	5,923,07
Kenora	8,113,280	9,023,582	10,325,022	11,961,170	13,287,20
Kent	8,262,397	8,602,966	9,736,229	10,833,154	11,761,03
Lambton	10,062,092	10,204,930	12,253,725	13,668,973	15,902,13
Lanark	4,290,956	4,491,255	5,408,313	6,016,305	6,870,83
Leeds & Grenville	6,021,685	6,306,883	7,070,234	7,705,993	8,828,78
Lennox & Addington	2,617,380	2,807,244	3,135,932	3,461,125	3,687,97
Manitoulin	2,662,165	2,632,316	2,816,881	3,006,620	3,212,64
Middlesex	28,336,481	30,566,660	36,134,942	38,415,860	43,315,90
Muskoka	3,692,265	3,799,065	4,630,256	5,351,440	5,212,38
Niagara	40,931,451	42,134,673	47,634,381	50,427,848	55,040,71
Nipissing	10,852,946	10,877,275	13,302,224	14,469,989	14,961,08
Northumberland	4,248,490	4,406,507	5,133,606	5,338,552	6,096,99
Ottawa-Carleton	54,901,293	59,373,480	67,399,588	76,778,726	86,988,24
Oxford	5,110,471	5,581,846	6,154,283	6,417,740	7,564,65
Parry Sound	4,359,921	4,654,406	4,898,890	5,069,617	5,664,78
Peel	15,171,225	17,968,616	20,887,498	22,834,756	26,681,29
Perth	3,592,489	3,689,747	4,287,021	4,721,509	4,899,09
Peterborough	8,855,263	9,316,238	12,014,030	13,626,896	14,475,43
Prescott & Russell	6,732,351	7,579,086	8,923,118	9,719,146	10,876,49
Prince Edward	1,854,628	1,863,059	1,993,641	2,021,711	2,320,67
Rainy River	3,524,110	3,397,274	3,499,837	3,840,883	4,256,10
Renfrew	11,579,586	12,117,957	13,278,248	14,099,207	15,061,02
Simcoe	14,634,936	15,137,900	20,130,221	22,547,532	24,753,18
Stormont, Dundas & Glengarry	12,760,735	12,748,612	14,152,436	14,765,212	16,221,69
Sudbury	19,793,635	21,290,048	25,665,366	26,983,428	30,131,16
Thunder Bay	21,251,838	21,298,711	25,224,628	27,298,087	29,462,99
Timiskaming	5,882,335	6,054,980	7,190,135	7,101,601	8,360,92
Toronto-Metropolitan	222,949,275	237,659,022	280,593,333	304,221,116	323,651,89
Victoria	3,215,208	3,348,650	3,871,964	4,171,537	4,654,85
Waterloo	22,015,686	23,016,602	26,934,950	28,954,210	32,235,19
Wellington	7,753,779	8,240,537	9,463,379	9,948,928	11,143,64
York	10,870,865	11,744,750	15,970,445	19,035,581	22,081,03

1) Fiscal year ending March 31 of each year.

Source: Ministry of Community and Social Services, *Expenditures by Municipality*.

able 4.11

ocial Services Expenditures per Capita, by County, Ontario, 1975-76 to 1979-80[1]

	1975-76	1976-77	1977-78	1978-79	1979-80
			$		
ntario	97.76	101.44	118.75	129.41	140.26
lgoma	117.05	121.52	134.08	162.74	182.71
rant	115.28	115.01	131.69	147.18	163.36
ruce	78.29	76.23	85.43	84.15	92.92
ochrane	129.16	143.68	169.28	193.99	206.82
ufferin	82.28	78.57	85.85	86.75	91.98
urham	89.25	89.31	109.53	118.61	128.94
lgin	70.60	74.53	84.63	88.97	95.50
ssex	110.91	108.91	123.74	130.68	147.37
rontenac	135.75	135.63	195.79	220.46	245.76
rey	75.80	79.04	97.86	106.20	119.86
aldimand-Norfolk	80.47	81.16	92.13	100.78	102.96
aliburton	134.23	128.59	236.99	271.68	240.51
alton	44.00	58.28	69.36	73.75	76.47
amilton-Wentworth	133.48	130.54	160.52	182.69	188.91
astings	104.35	110.58	124.72	135.17	147.59
uron	75.04	76.95	91.54	97.45	105.02
enora	134.77	147.91	169.36	196.21	217.87
ent	79.68	81.83	91.60	101.27	108.99
ambton	85.72	84.44	99.62	110.87	130.99
anark	99.74	103.05	121.84	133.35	152.73
eeds & Grenville	78.42	80.74	89.50	96.18	109.29
ennox & Addington	84.69	88.49	94.91	104.52	112.59
anitoulin	215.72	212.15	222.98	235.54	252.39
iddlesex	91.92	97.86	114.07	120.25	134.22
uskoka	109.25	108.64	129.87	147.54	140.83
iagara	114.12	116.27	130.13	137.29	149.88
ipissing	136.97	135.65	165.99	180.35	188.22
orthumberland	68.60	70.39	80.33	83.39	94.78
ttawa-Carleton	108.37	113.87	127.07	143.53	160.52
xford	61.35	66.06	72.71	75.92	88.91
arry Sound	145.62	152.11	156.35	159.30	175.04
eel	42.82	47.66	52.05	54.16	60.94
erth	55.28	56.47	64.93	70.98	74.06
eterborough	91.08	94.36	120.96	136.71	143.21
rescott & Russell	141.78	154.77	177.36	189.03	208.36
rince Edward	84.89	85.06	89.73	91.93	104.26
ainy River	142.97	136.28	139.04	152.53	174.72
enfrew	131.22	137.65	150.47	159.82	171.68
mcoe	71.73	72.36	94.45	103.91	113.31
tormont, Dundas & Glengarry	127.62	126.34	138.15	143.15	156.23
udbury	95.81	102.73	123.04	131.79	149.67
hunder Bay	145.07	144.31	169.07	181.31	194.25
miskaming	132.36	137.53	166.79	164.80	196.35
oronto-Metropolitan	103.59	110.32	130.64	142.88	151.87
ctoria	77.88	77.63	85.93	90.71	99.57
aterloo	76.90	79.05	90.96	97.45	107.19
ellington	62.91	65.32	74.19	77.37	86.51
ork	55.65	58.02	76.44	89.01	98.93

Fiscal year ending March 31 of each year.

ource: Ministry of Community and Social Services, *Expenditures by Municipality.*

Section
5

Health

Highlights

- **Life Expectancy** – From 1951 to 1976 average life expectancy has increased in Ontario. Average life expectancy for females at birth in 1976 was 77.7 years while that for males was 70.6 years. At age 60 in 1976, average life expectancy for females was 21.9 years and that for males 17.0 years.

- **Medical Professions** – Statistics for the medical professions indicate that out of the 15,663 medical doctors in Ontario, about 44.9 per cent were specialists. In terms of the number of persons per resident physician, the ratio has deceased from 782 in 1960 to 547 in 1980. The ratio of persons per nurse, over the same period, has fallen from 178 to 89.In the dental field, the number of persons per dentist reported in 1960 was 2,461; figures for 1979 show a decrease to 2,031 persons per dentist. Area data indicate that Metro Toronto had the lowest ratio of 1 dentist to every 1,487 persons.

Hospitals – The total operating expense per patient-day in Ontario public general and allied special hospitals in 1969 was $52.50 which has risen to $174.87 by 1979-80, an increase of 233.1 per cent. Comparable rates for Canada were $50.69 and $162.79, representing a 221.1 per cent increase over the same ten year period. The number of hospitals of all types in Ontario totalled 315 (59,777 beds) in 1978, by January 1, 1980, this number had fallen to 289 (59,923 beds). Public general hospitals with 200 or more beds had decreased from 82 in 1979 to 81 in 1980. Average days per separation in Ontario fell to 11.0 in 1977 from 11.5 in 1968. The average days per separation for males in 1977 was higher than that for females, 11.2 compared with 10.8.

Illness – In terms of notifiable diseases in 1980 those with the highest rate per 100,000 population were influenza with 204.7, chickenpox with 137.0 and measles with 96.3. In 1978, 13,704 deaths were reported from cancer with males representing 54.7 per cent of this total; heart disease took 22,147 lives of whom 56.9 per cent were males. There was a small decline of 1.9 per cent in the average daily population in mental institutions from 1979 to 1980. Among those diagnosed with psychosis in 1979-80, schizophrenia had the highest incidence with 22.3 per 100,000 population. Of those in mental institutions without psychosis, mental retardation showed a rate of incidence of 3.1 per 100,000 population.

Smoking and Alcoholic Consumption – In 1979, 34.4 per cent of the Ontario male population 15 years and over were regular smokers, i.e. smoked daily. The Ontario figure represents a decline of 22.0 per cent since 1973. In the Ontario female population 15 years and over, 27.9 per cent were regular smokers in 1979. The number of female smokers in Ontario showed a decrease since 1973 of 4.8 per cent. In 1978-79 the per capita annual consumption of alcoholic beverages for those aged 15 years and over in Ontario was 2.53 gallons, up 1.6 per cent over the corresponding figure for 1973-74.

Definitions

Notifiable Diseases – Diseases which by legislation are required to be reported. What is deemed to be a notifiable disease may vary from province to province.

Patients in Approved Homes – Those individuals who were originally admitted to a Psychiatric Hospital or Facility for the Retarded and subsequently sent to an Approved Home. These individuals are still retained "on the books" of the hospital whence they came; they have not been discharged.

Patients on Leave of Absence – Individuals admitted to a Psychiatric Hospital or Facility for the Retarded and subsequently placed on leave of absence under The Mental Health Act, 1967. They are not discharged; they are still under the supervision of the hospital whence they came and are included in Patients on the Books.

Patients on Books – Patients in hospital plus patients in Approved Homes plus patients on Leave of Absence.

Separations – Discharges plus deaths plus transfers-out (from one psychiatric inpatient facility directly to another).

General Hospital – Provides mainly for the diagnosis and short-term treatment of patients for a wide range of diseases and injuries. The services of a general hospital are not restricted to a specific age group or sex.

Average Daily Population in Hospital – $\frac{\text{Total number of patient days in the year}}{\text{Total number of days in the year}}$

Average Daily Population on Books – $\frac{\text{Total number of patients on the hospital books at the end of each month}}{\text{Total number of months in the year all hospitals are open}}$

Apparent Consumption – Purchases of alcoholic beverages by alcoholic content. Purchases may not equal actual consumption because of spillage, etc.

Special Register Physician – A physician having a restricted licence to practise. Further information on the typ of restrictions can be obtained from the College of Physicians and Surgeons of Ontario.

Discharges – A function of total admissions; as the number of patients entering psychiatric inpatient facilities rises, the number leaving tends to rise. Deals with one treatment period; the totals are aggregates of cases, some patients being discharged more than once during the year.

Public – Applies to an institution recognized by the province as a "public institution". Such an institution gene ally is not operated for profit.

Proprietary – Applies to an institution owned by an individual or by a private organization, operated for a profit and recognized by the province as a "proprietary hospital".

Federal – Applies to an institution owned by a department or agency of the Government of Canada and operated on a non-profit basis.

Mental Psychiatric Hospital – An institution that provides treatment for all types of psychiatric conditions and includes facilities for long-term care.

Institution for the Mentally Retarded – A facility that provides care, treatment and training for mentally retarded patients.

Aged and Senile Home – A facility for the care and treatment of the aged who suffer from psychosis, senility, o other psychiatric disorders.

Psychiatric Unit – A unit within a general hospital that is organized for the treatment of patients with psychiatri disorders.

Hospital for Addicts – A facility specializing in the treatment of patients suffering from alcoholism or drug addiction.

Other Types – Hospital for epileptics and treatment centre for emotionally disturbed children.

Patient-Day – The period of service to an inpatient between the census-taking hours on two successive days. The day of admission is counted as a patient-day but the day of separation is not.

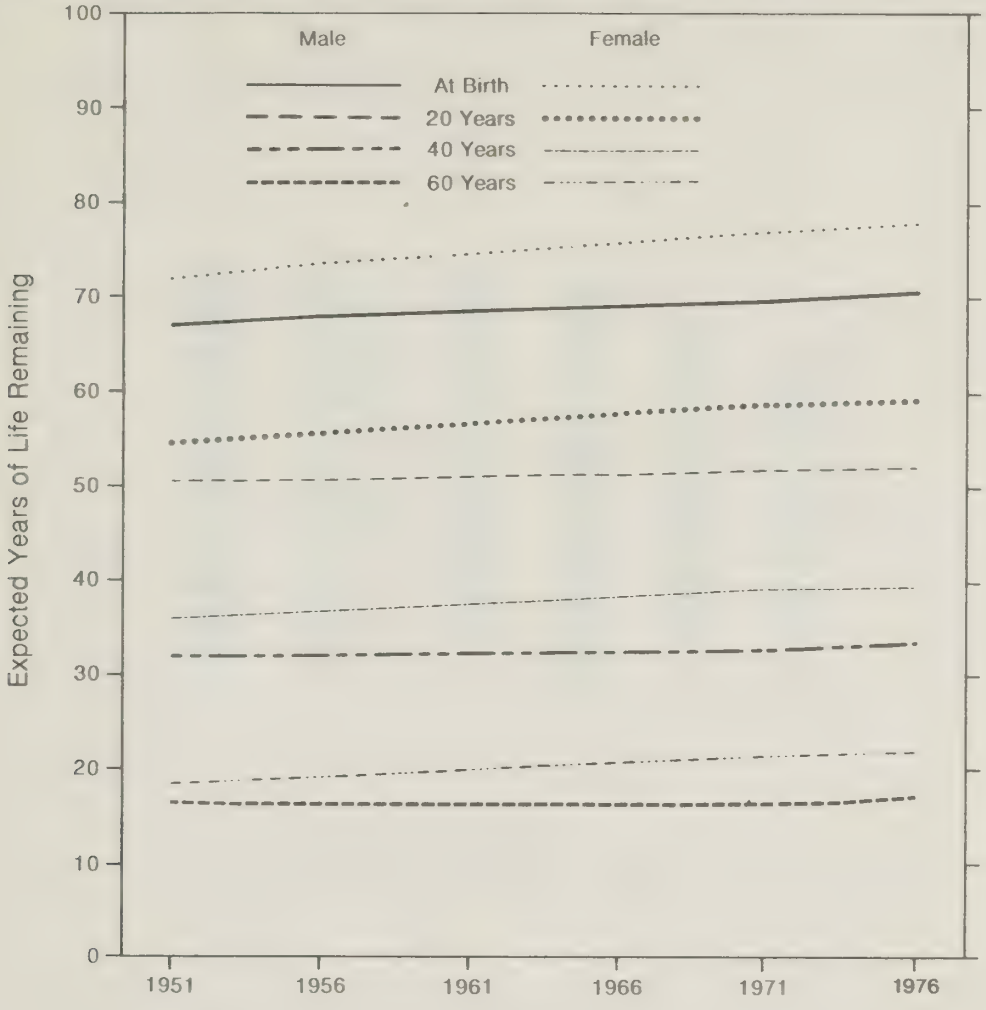
Regular Register Physician – A physician having a full licence to practise.

Physicians, Resident – Those physicians giving an Ontario address as their mailing address.

Prescribed Drugs – Drugs sold at retail on the prescription of a practitioner; excluding drugs dispensed by hospitals.

raph 5.A

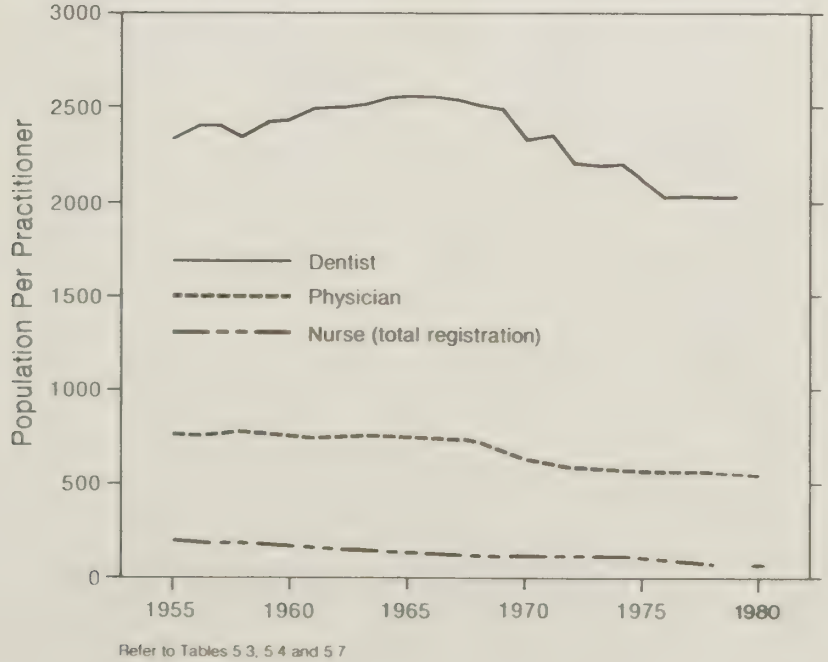
verage Life Expectancy by Selected Age, Ontario, Census Years, 1951-1976



Refer to Table 5.1.

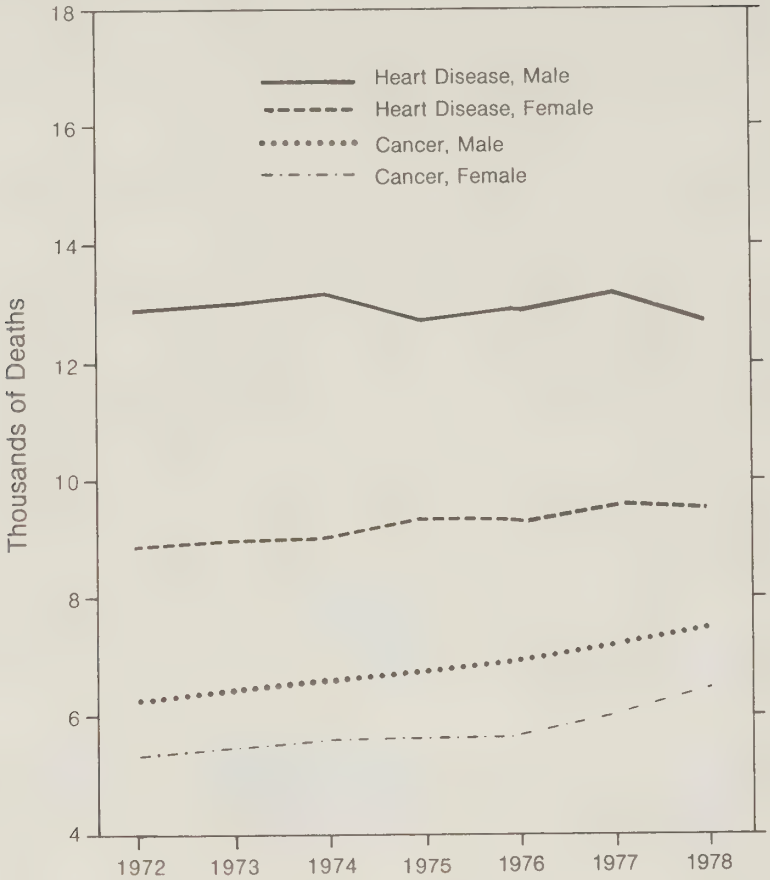
raph 5.B

opulation Per Physician, Nurse and Dentist, Ontario, 1955-1980



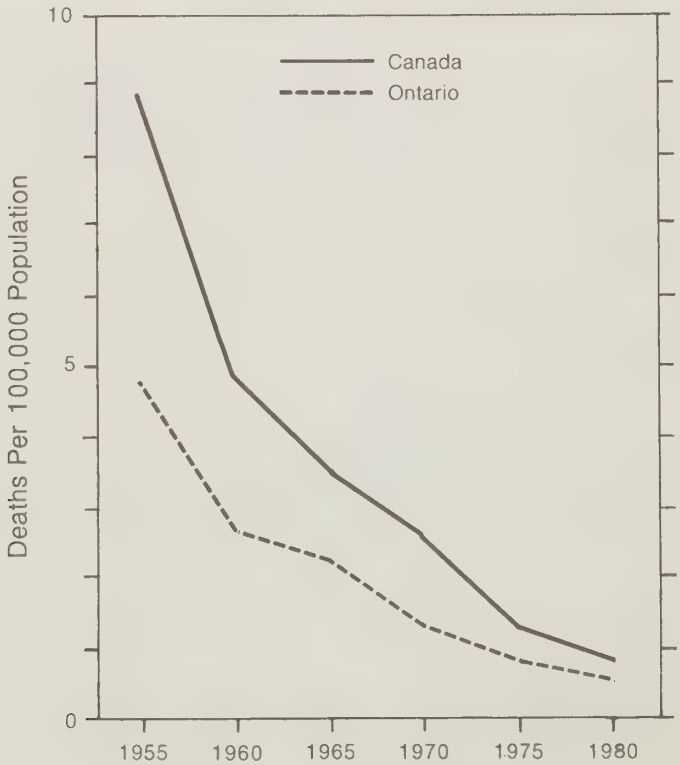
Refer to Tables 5.3, 5.4 and 5.7

Graph 5.C
Death from Cancer and Heart Disease by Sex, Ontario, 1972-1978



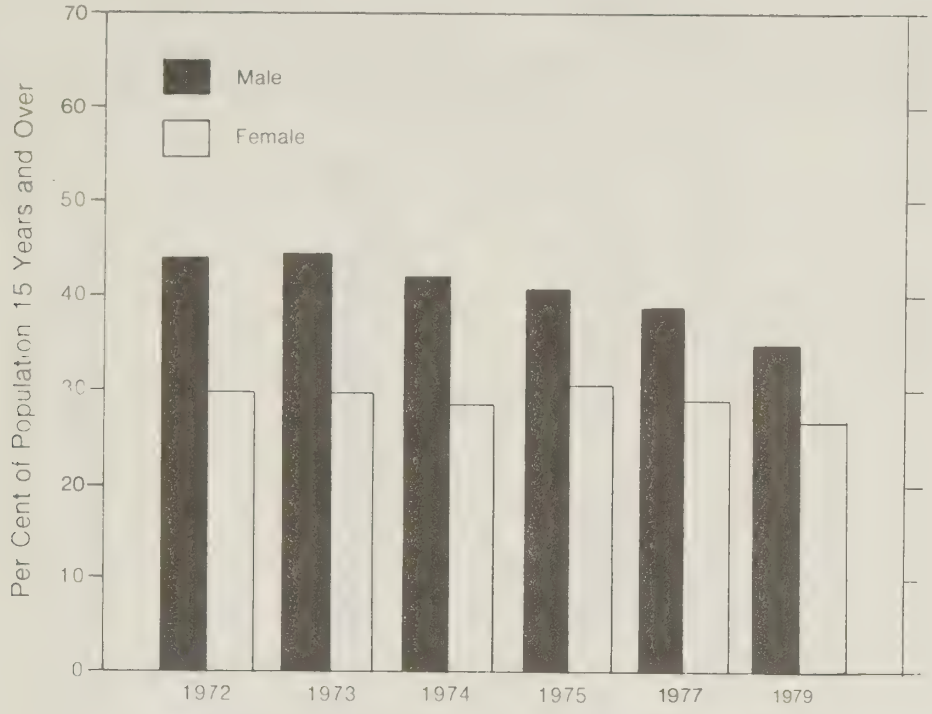
Refer to Table 5.16

Graph 5.D
Rates of Death from All Forms of Tuberculosis, Canada and Ontario, 1955-1979



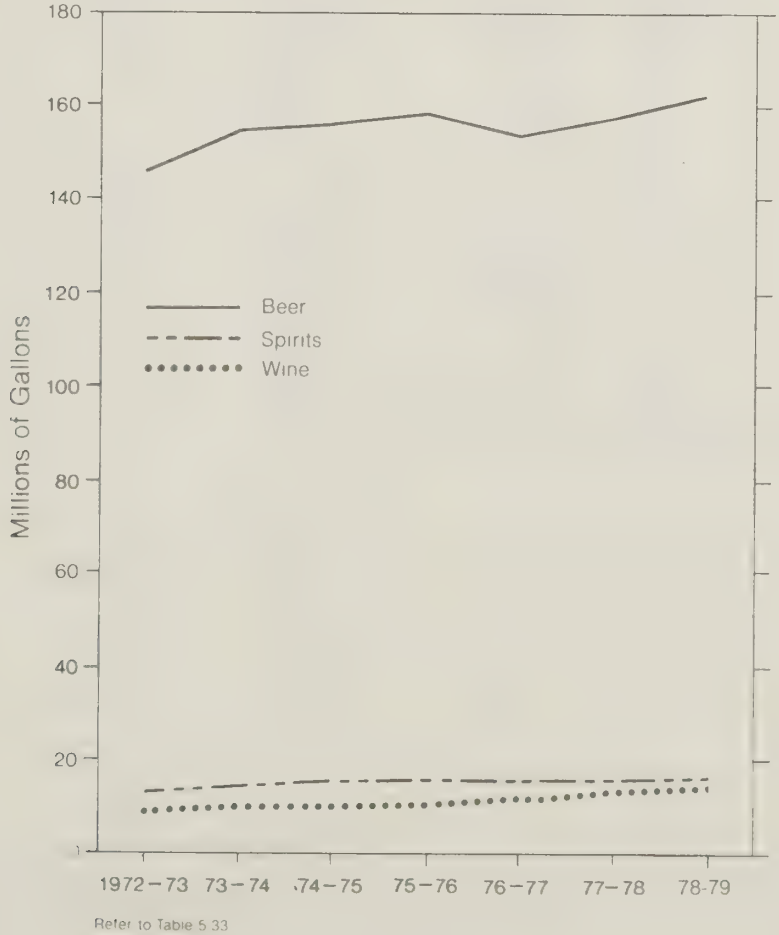
Refer to Table 5.17.

Graph 5.E
Cigarette Smokers, Ontario, 1972-1975, 1977 and 1979



Refer to Table 5.32

Graph 5.F
Volume of Sales of Alcoholic Beverages, Ontario, 1972-73 to 1978-79



Refer to Table 5.33

Table 5.1
Average Life Expectancy by Selected Age, Canada and Ontario, Census Years, 1951–1976

	Canada		Ontario	
	Male	Female	Male	Female
At Birth				
1951	66.3	70.8	66.9	71.9
1956	67.6	72.9	67.8	73.6
1961	68.4	74.2	68.3	74.4
1966	68.8	75.2	68.7	75.5
1971	69.3	76.4	69.6	76.8
1976[1]	70.2	77.5	70.6	77.7
1 Year				
1951	68.3	72.3	68.3	72.9
1956	69.0	74.0	68.8	74.3
1961	69.5	75.0	69.1	75.6
1966	69.5	75.7	69.3	75.9
1971	69.8	76.6	69.8	76.8
1976[1]	70.2	77.4	70.5	77.5
20 Years				
1951	50.8	54.4	50.6	54.
1956	51.2	55.8	50.8	56.
1961	51.5	56.7	51.0	56.
1966	51.5	57.4	51.1	57.
1971	51.7	58.2	51.6	58.
1976[1]	52.1	59.0	52.2	59.
40 Years				
1951	32.5	35.6	32.0	35.
1956	32.7	36.7	32.2	36.
1961	33.0	37.5	32.4	37
1966	33.0	38.2	32.4	38
1971	33.2	39.0	32.9	39
1976[1]	33.6	39.7	33.5	39
60 Years				
1951	16.5	18.6	16.2	18
1956	16.5	19.3	16.1	19
1961	16.7	19.9	16.2	19
1966	16.8	20.6	16.2	20
1971	17.0	21.4	16.6	21
1976[1]	17.2	22.0	17.0	21

1) Averages are based on the 3 years centred around the census year.

Source: SC, *Vital Statistics, Vol. III, Deaths.*

Table 5.2

Doctors, Specialists and Non-Specialists, by County, Ontario, 1980

	Non-Specialists		Specialists		Total Doctors	
	Total[1]	Population Ratio[2]	Total[1]	Population Ratio[2]	Total[1]	Population Ratio[2]
Ontario	8,636	992	7,027	1,219	15,663	547
Algoma	88	1,479	62	2,099	150	868
Brant	74	1,384	62	1,652	136	753
Bruce	41	1,436	8	7,358	49	1,201
Cochrane	75	1,260	22	4,297	97	974
Dufferin	25	1,220	3	10,166	28	1,089
R.M. of Durham	211	1,312	127	2,180	338	819
Elgin	52	1,336	31	2,241	83	837
Essex	219	1,446	180	1,759	399	794
Frontenac	183	631	229	504	412	280
Grey	65	1,124	48	1,522	113	647
Haldimand-Norfolk	49	1,865	9	10,152	58	1,575
Haliburton	10	1,114	–	–	10	1,114
Halton	244	1,016	183	1,355	427	581
Hastings	101	1,050	62	1,710	163	650
Huron	42	1,335	8	7,007	50	1,121
Kenora	36	1,611	8	7,250	44	1,318
Kent	83	1,285	38	2,806	121	881
Lambton	80	1,554	69	1,801	149	834
Lanark	55	823	9	5,032	64	708
Leeds & Grenville	73	1,111	39	2,080	112	724
Lennox & Addington	23	1,416	5	6,516	28	1,163
Manitoulin	13	854	1	11,105	14	793
Middlesex	501	650	485	671	986	330
Muskoka	43	888	14	2,728	57	669
R.M. of Niagara	266	1,382	198	1,857	464	792
Nipissing	68	1,182	37	2,172	105	765
Northumberland	53	1,225	12	5,411	65	999
Ottawa-Carleton	702	781	768	714	1,470	373
Oxford	68	1,245	28	3,022	96	881
Parry Sound	37	906	8	4,190	45	745
Peel	335	1,375	161	2,862	496	929
Perth	63	1,046	25	2,637	88	749
Peterborough	95	1,078	102	1,004	197	519
Prescott & Russell	41	1,279	6	8,742	47	1,116
Prince Edward	18	1,229	7	3,161	25	885
Rainy River	18	1,287	1	23,171	19	1,219
Renfrew	73	1,187	26	3,333	99	875
Simcoe	212	1,046	81	2,738	293	757
Stormont, Dundas & Glengarry	68	1,494	43	2,363	111	915
Sudbury	115	1,611	102	1,816	217	854
Thunder Bay	108	1,406	85	1,785	193	786
Timiskaming	38	1,081	8	5,138	46	894
Victoria	34	1,398	16	2,970	50	951
Waterloo	221	1,388	177	1,733	398	771
Wellington	98	1,336	83	1,578	181	724
Hamilton-Wentworth	450	914	445	924	895	459
Metro Toronto	2,864	745	2,762	772	5,626	380
York	205	1,166	144	1,660	349	685

(1) Figures based on December 31st physician registration.
(2) County ratios are obtained by using December 31, 1980 physician figures with June 1980 county population.

Source: College of Physicians and Surgeons of Ontario Licensing Statistics.

Table 5.3
Estimated Physicians Resident, Ontario, 1950-1980[1]

	Number	Population per Physician
1950	5,523	824
1951	5,642	835
1952	5,822	838
1953	6,119	824
1954	6,400	813
1955	6,704	798
1956	7,064	784
1957	7,240	793
1958	7,409	797
1959	7,600	796
1960	7,908	782
1961	8,136	775
1962	8,236	780
1963	8,478	775
1964	8,759	767
1965	8,950	769
1966	9,366	755
1967	9,702	746
1968	10,242	722
1969	10,885	694
1970	11,554	665
1971	12,445	625
1972	12,836	615
1973	13,343	602
1974	13,885	583
1975	14,523	566
1976	14,643	564
1977	14,927	561
1978[r]	15,100	559
1979	15,301	558
1980	15,663	547

1) All figures as of December 31st. The numbers shown for years prior to 1971 reflect total registration less an estimate of the number of physicians non-resident in the province.

Source: College of Physicians and Surgeons Licensing Statistics.

Table 5.4
Registered Nurses, Ontario, 1950-1980[1]

			Population per Nurse	
	Total Registration	Working in Nursing in Ontario	Total Registration	Work in Nursing
1950	20,162	..	225	..
1951	21,396	..	220	..
1952	21,174	..	230	..
1953	23,576	..	214	..
1954	24,799	..	210	..
1955	26,315	..	203	..
1956	28,354	..	195	..
1957	29,496	..	195	..
1958	30,408	..	194	..
1959	33,409	..	181	..
1960	34,819	..	178	..
1961	38,008	..	166	..
1962	41,036	..	157	..
1963	43,991	..	149	..
1964	46,737	..	144	..
1965	48,922	..	141	..
1966	50,793[r]	32,764	139	216
1967	54,513	34,183	133	212
1968	59,115	34,413	125	198
1969	62,801	41,091	120	184
1970	66,125	43,665	116	176
1971	70,515	43,624	110	178
1972	74,874	43,486	105	182
1973	78,054	45,502	103	176
1974	74,224	48,736	109	166
1975	77,270	51,203	106	161
1976	88,966	55,263	93	150
1977	91,971	55,650	91	150
1978	94,309	57,742	89	146
1980[2]	95,887	61,228	89	140

1) Figures as of December 31
2) As at February 15, 1980

Source: College of Nurses of Ontario.

Table 5.5
Registered Nurses Employed, by County, Ontario, 1980

	Estimated Population[1]	Registered Nurses Employed[2]	Ratio per 100,000
Ontario	8,570,400	61,228[3]	714.4
Algoma	130,158	869	667.7
Brant	102,441	701	684.3
Bruce	58,864	271	460.4
Cochrane	94,256	575	608.3
Dufferin	30,497	163	534.5
R.M. of Durham	276,824	1,642	593.2
Elgin	69,465	551	793.2
Essex	316,778	1,995	629.8
Frontenac	115,452	1,345	1,165.0
Grey	73,066	677	926.6
Haldimand-Norfolk	91,369	412	450.9
Haliburton	11,148	33	296.0
Halton	248,011	1,315	530.2
Hastings	106,045	749	706.3
Huron	56,054	341	608.3
Kenora	58,004	345	594.8
Kent	106,636	775	726.8
Lambton	124,298	798	642.0
Lanark	45,290	375	828.0
Leeds & Grenville	81,133	640	788.8
Lennox & Addington	32,580	137	420.5
Manitoulin	11,105	45	405.2
Middlesex	325,634	3,472	1,066.2
Muskoka	38,189	226	591.8
R.M. of Niagara	367,665	2,231	606.8
Nipissing	80,362	624	776.5
Northumberland	64,937	358	551.3
Ottawa-Carleton	548,096	5,366	979.0
Oxford	84,631	587	693.6
Parry Sound	33,526	139	414.6
Peel	460,791	1,568	340.3
Perth	65,926	516	782.7
Peterborough	102,409	860	839.8
Prescott & Russell	52,453	166	316.5
Prince Edward	22,130	107	483.5
Rainy River	23,171	134	578.3
Renfrew	86,661	627	723.5
Simcoe	221,776	1,375	620.0
Stormont, Dundas & Glengarry	101,593	717	705.8
Sudbury	185,321	1,160	625.9
Thunder Bay	151,802	1,274	839.3
Timiskaming	41,105	286	695.8
Victoria	47,533	231	486.0
Waterloo	306,776	1,843	600.8
Wellington	131,013	903	689.2
Hamilton-Wentworth	411,545	3,573	868.2
Metro Toronto	2,136,493	16,970	794.3
York	239,118	1,133	473.8

1) Population estimates June 1980 (Treasury and Economics).
2) Registered nurses employed as at February 15, 1980.
3) Includes 28 non-respondents.

Source: College of Nurses of Ontario

Table 5.6
Registered Nursing Assistants Employed, by County, Ontario, 1980

	Estimated Population[1]	RNA's Employed[2]	Ratio per 100,000
Ontario	8,570,400	21,579[3]	251.8
Algoma	130,158	351	269.7
Brant	102,441	346	337.8
Bruce	58,864	137	232.7
Cochrane	94,526	292	308.9
Dufferin	30,497	86	282.0
R.M. of Durham	276,824	655	236.6
Elgin	69,465	397	571.5
Essex	316,778	610	192.6
Frontenac	115,452	548	474.7
Grey	73,066	302	413.3
Haldimand-Norfolk	91,369	211	230.9
Haliburton	11,148	17	152.5
Halton	248,011	434	175.0
Hastings	106,045	258	243.3
Huron	56,054	270	481.7
Kenora	58,004	228	393.1
Kent	106,636	324	303.8
Lambton	124,298	314	252.6
Lanark	45,290	232	512.3
Leeds & Grenville	81,133	382	470.8
Lennox & Addington	32,580	56	171.9
Manitoulin	11,105	41	369.2
Middlesex	325,634	1,357	416.7
Muskoka	38,189	102	267.1
R.M. of Niagara	367,665	818	222.5
Nipissing	80,362	409	508.9
Northumberland	64,937	145	223.3
Ottawa-Carleton	548,096	1,160	211.6
Oxford	84,631	234	276.5
Parry Sound	33,526	123	366.9
Peel	460,791	462	100.3
Perth	65,926	231	350.4
Peterborough	102,409	325	317.4
Prescott & Russell	52,453	111	211.6
Prince Edward	22,130	66	298.2
Rainy River	23,171	157	677.6
Renfrew	86,661	244	281.6
Simcoe	221,776	628	283.2
Stormont, Dundas & Glengarry	101,593	242	238.2
Sudbury	185,321	425	229.3
Thunder Bay	151,802	616	405.8
Timiskaming	41,105	151	367.4
Victoria	47,533	131	275.6
Waterloo	306,776	638	208.0
Wellington	131,013	439	335.1
Hamilton-Wentworth	411,545	1,356	329.5
Metro Toronto	2,136,493	4,139	193.7
York	239,118	368	153.9

) Population estimates June 1980 (Treasury and Economics).
) Registered nursing assistants employed as at December 31, 1980.
) Includes 11 non-respondents.

ource: College of Nurses of Ontario

Table 5.7
Dentists Licensed to Practice, Ontario, 1950-1979[1]

	Number[2]	Population per Dentist
1950	2,103	2,161
1951	2,154	2,186
1952	2,218	2,199
1953	2,220	2,271
1954	2,231	2,332
1955	2,270	2,356
1956	2,297	2,412
1957	2,370	2,424
1958	2,476	2,386
1959	2,477	2,443
1960	2,513	2,461
1961	2,522	2,499
1962	2,552	2,518
1963	2,599	2,527
1964	2,623	2,563
1965	2,687	2,563
1966	2,732	2,589
1967	2,810	2,577
1968	2,929	2,523
1969	3,013	2,508
1970	3,227	2,340
1971	3,211	2,399
1972	3,461	2,264
1973	3,573	2,222
1974	3,625	2,233
1975	3,902	2,108
1976	4,085	2,023
1977	4,085	2,046
1978	4,151	2,034
1979	4,186	2,031

1) Figures as of December 31. Data for 1950 to 1969 were obtained from Canadian Dental Association. Data for 1970 to 1979 were obtained from the Royal College of Dental Surgeons of Ontario.
2) The total number of licensed dentists has been assumed as resident in Ontario.

Source: Royal College of Dental Surgeons of Ontario.

Table 5.8
Dentists, by County, Ontario, 1979

	Estimated Population[1]	Dentists[2]	Population Ratio
Ontario	8,503,300	4,186	2,031
Algoma	128,234	48	4,672
Brant	102,172	37	2,761
Bruce	59,518	28	2,126
Cochrane	94,784	18	5,266
Dufferin	30,165	12	2,514
R.M. of Durham	274,847	120	2,290
Elgin	69,205	18	3,845
Essex	318,375	137	2,324
Frontenac	114,599	56	2,046
Grey	72,838	27	2,698
Haldimand-Norfolk	90,589	24	3,775
Haliburton	11,130	2	5,565
Halton	244,412	117	2,089
Hastings	105,973	45	2,355
Huron	55,872	15	3,725
Kenora	58,064	19	3,056
Kent	107,691	39	2,761
Lambton	123,601	47	2,630
Lanark	45,130	18	2,507
Leeds & Grenville	80,854	28	2,888
Lennox & Addington	32,862	3	10,954
Manitoulin	10,868	4	2,717
Middlesex	321,865	215	1,497
Muskoka	37,993	15	2,533
R.M. of Niagara	367,672	167	2,202
Nipissing	79,633	34	2,342
Northumberland	64,800	19	3,411
Ottawa-Carleton	544,299	305	1,785
Oxford	84,748	38	2,230
Parry Sound	33,313	12	2,776
Peel	432,156	187	2,311
Perth	66,156	23	2,876
Peterborough	101,590	45	2,258
Prescott & Russell	52,201	16	3,263
Prince Edward	22,330	6	3,722
Rainy River	23,546	8	2,943
Renfrew	87,728	33	2,658
Simcoe	218,037	87	2,506
Stormont, Dundas & Glengarry	101,270	23	4,403
Sudbury	186,647	60	3,111
Thunder Bay	151,333	67	2,259
Timiskaming	41,356	24	1,723
Victoria	46,945	4	11,736
Waterloo	303,017	145	2,090
Wellington	128,870	60	2,148
Hamilton-Wentworth	411,311	208	1,977
Metro Toronto	2,132,726	1,434	1,487
York	229,975	89	2,584

1) Population estimates June 1979 (Treasury and Economics)
2) Royal College of Dental Surgeons of Ontario Statistical Report.

Source: Royal College of Dental Surgeons of Ontario.

Table 5.9
Expenditures on Health, Canada and Ontario, 1960-1979

	Total	Hospital Care	Physicians' Services	Dentists' Services	Prescribed Drugs	Other Health Expense
Canada			$ million			
1960	2,164.1	843.9	355.0	109.6	132.6	723.0
1961	2,358.9	940.7	388.3	116.7	135.8	777.4
1962	2,544.8	1,043.3	406.1	121.5	144.4	829.5
1963	2,982.6	1,163.4	453.4	136.9	161.7	867.2
1964	3,032.0	1,288.2	495.7	147.8	178.6	921.7
1965	3,378.9	1,451.1	545.1	160.1	211.5	1,011.1
1966	3,789.9	1,656.6	605.2	176.4	232.0	1,119.7
1967	4,266.5	1,902.4	686.2	187.2	265.5	1,225.2
1968	4,840.5	2,206.2	788.1	212.2	297.3	1,336.7
1969	5,378.0	2,443.1	901.4	241.0	331.8	1,460.7
1970[r]	6,151.9	2,694.0	1,040.7	265.0	368.7	1,783.4
1971[r]	7,007.3	3,019.3	1,250.4	311.5	402.5	2,023.6
1972[r]	7,665.1	3,313.4	1,386.2	350.6	421.1	2,193.9
1973[r]	8,580.3	3,728.2	1,483.4	419.1	466.9	2,482.6
1974[r]	10,083.4	4,499.7	1,659.7	483.9	498.0	2,942.1
1975[r]	12,154.3	5,580.7	1,914.1	596.6	578.7	3,484.2
1976[r]	13,882.9	6,324.4	2,103.2	699.8	660.2	4,095.3
1977[r]	15,171.2	6,573.3	2,309.0	827.6	736.8	4,724.4
1978[r]	16,655.2	7,011.4	2,535.6	954.1	807.7	5,346.4
1979[p]	18,587.9	7,768.0	2,822.6	1,090.4	892.1	6,014.9
Ontario						
1960	832,265	310,775	142,010	49,560	47,595	282,325
1961	914,972	347,947	154,813	53,414	47,288	311,310
1962	990,199	386,562	161,701	56,627	49,110	336,199
1963	1,078,414	427,331	182,704	62,580	57,760	348,039
1964	1,163,561	469,623	203,488	68,378	63,540	358,532
1965	1,286,143	522,742	225,669	74,648	75,011	388,073
1966	1,435,994	581,380	247,925	81,813	81,223	443,653
1967	1,653,028	690,741	286,618	85,603	94,443	495,623
1968	1,909,670	814,053	331,587	97,812	117,341	548,877
1969	2,114,524	901,764	378,872	110,869	131,200	591,819
1970[r]	2,398,334	990,905	448,580	123,153	137,362	698,334
1971[r]	2,728,788	1,137,926	510,559	147,405	147,456	785,442
1972[r]	3,001,963	1,264,413	550,382	160,663	157,060	869,445
1973[r]	3,294,420	1,391,937	579,615	195,442	172,192	955,234
1974[r]	3,805,348	1,664,608	650,620	212,114	190,756	1,087,250
1975[r]	4,534,632	2,039,095	752,196	253,830	240,551	1,248,960
1976[r]	5,160,360	2,281,472	811,836	294,377	286,528	1,486,147
1977[r]	5,667,899	2,311,869	890,118	349,526	314,857	1,801,529
1978[r]	6,207,894	2,440,471	981,575	394,814	358,918	2,032,116
1979[p]	6,875,012	2,691,967	1,109,200	447,850	388,533	2,237,462

Source: Health and Welfare Canada, Health Information Division.

able 5.10
Expenditures per Person on Health, Canada and Ontario, 1960-1979

	Total	Hospital Care	Physicians' Services	Dentists' Services	Prescribed Drugs	Other Health Expense
Canada			Dollars			
1960	120.84	47.12	19.82	6.12	7.40	40.37
1961	129.11	51.49	21.25	6.39	7.43	42.55[r]
1962	136.72	56.05	21.82	6.53	7.76	44.56
1963	146.73	61.31	23.91	7.22	8.53	45.73
1964	156.90	66.66	25.65	7.65	9.24	47.70
1965	171.71	73.74	27.70	8.13	10.75	51.38
1966	189.04	82.63	30.19	8.80	11.57	55.85
1967	209.02	93.20	33.62	9.17	13.01	60.02
1968	233.52	106.43	38.02	10.24	14.34	64.49
1969	255.75	116.18	42.87	11.46	15.78	69.46
1970 [r]	288.50	126.34	48.81	12.43	17.29	83.64
1971 [r]	324.54	139.84	57.91	14.43	18.64	93.72
1972 [r]	351.26	151.84	63.52	16.07	19.30	100.54
1973 [r]	388.74	168.91	67.21	18.99	21.15	112.48
1974 [r]	450.25	200.92	74.11	21.61	22.24	131.37
1975 [r]	534.80	245.55	84.22	26.25	25.46	153.31
1976 [r]	602.95	274.67	91.34	30.39	28.67	177.86
1977 [r]	651.68	282.36	99.18	35.55	31.65	202.94
1978 [r]	708.94	298.44	107.93	40.61	34.38	227.57
1979 [p]	784.65	327.91	119.15	46.03	37.66	253.91
Ontario						
1960	135.84	50.72	23.18	8.09	7.77	46.08
1961	146.41	55.69	24.78	8.55	7.57	49.83
1962	155.64	60.76	25.42	8.90	7.72	52.84
1963	165.99	65.77	28.12	9.63	8.89	53.57
1964	175.08	70.66	30.62	10.29	9.56	53.95
1965	189.06	76.84	33.17	10.97	11.03	57.04
1966	205.82	83.33	35.54	11.73	11.64	63.59
1967	231.44	96.71	40.13	11.99	13.22	69.39
1968	262.48	111.89	45.58	13.44	16.13	75.44
1969	285.80	121.88	51.21	14.99	17.73	79.99
1970 [r]	316.99	130.97	59.29	16.28	18.16	92.30
1971 [r]	352.38	146.95	65.93	19.04	19.04	101.43
1972 [r]	383.84	161.67	70.37	20.54	20.08	111.17
1973 [r]	415.63	175.61	73.13	24.66	21.72	120.51
1974 [r]	471.86	206.41	80.68	26.30	23.65	134.82
1975 [r]	554.23	249.22	91.93	31.02	29.40	152.65
1976 [r]	623.44	275.63	98.08	35.56	34.62	179.54
1977 [r]	677.61	276.39	106.42	41.79	37.64	215.38
1978 [r]	734.64	288.81	116.16	46.72	42.47	240.48
1979 [p]	807.99	316.37	130.36	52.63	45.66	262.96

ource: Health and Welfare Canada, Health Information Division

Table 5.11
Number of Operating Hospitals and Their Bed Capacities, by Type of Hospital, Canada and Ontario, 1978-1980[1]

Type and size of hospital	1978				1979				1980			
	Canada		Ontario		Canada		Ontario		Canada		Ontario	
	Number	Beds	Number	Beds	Number	Beds	Number	Beds	Number	Beds	Number	Beds
All hospitals	1,315	184,655	315	59,777	1,313	185,787	307	60,597	1,292	185,278	289	59,923
Public	1,105	176,264	254	57,929	1,099	177,732	250	58,791	1,089	177,413	246	58,323
General and allied special	1,053	160,859	233	52,081	1,054	163,800	232	53,055	1,046	163,542	228	52,619
General	856	123,801	190	44,764	863	125,996	199	45,728	862	126,519	197	45,449
1 - 24 beds	205	3,173	4	80	215	3,293	14	241	215	3,302	14	241
25 - 49 beds	190	6,633	32	1,217	187	6,520	32	1,217	185	6,448	31	1,176
50 - 99 beds	136	9,470	36	2,625	138	9,719	36	2,643	136	9,519	36	2,659
100 - 199 beds	122	16,510	37	4,991	121	16,508	35	4,722	122	16,547	35	4,763
200 + beds	203	88,015	81	35,851	202	89,956	82	36,905	204	90,703	81	36,610
Allied special	197	37,058	43	7,317	191	37,804	33	7,327	184	37,023	31	7,170
Paediatric	8	2,873	2	1,088	8	2,861	2	1,088	8	2,919	2	1,088
Rehabilitation (including convalescent)	21	2,455	6	631	20	2,361	6	631	16	1,601	6	631
Extended care (including chronic)[4]	127	29,921	23	5,034	129	30,251	23	5,205	130	30,539	21	5,048
Other[5]	41	1,809	12	564	34	2,331	2	403	30	1,969	2	403
Hospitals for psychiatric disorders	52	15,405	21	5,848	45	13,932	18	5,736	43	13,871	18	5,704
Alcoholic[2]	3	193	2	129	3	193	2	129	3	193	2	129
Mental	32	12,955	12	5,114	30	11,608	12	5,100	30	11,774	12	5,100
Psychiatric	9	1,098	3	487	8	1,090	4	507	8	1,058	4	475
Other[6]	8	1,159	4	118	4	1,041	–	–	2	846	–	–

Table 5.11 (cont'd.)

Number of Operating Hospitals and Their Bed Capacities, by Type of Hospital, Canada and Ontario, 1978-1980[1]

	1978				1979				1980			
	Canada		Ontario		Canada		Ontario		Canada		Ontario	
Type and size of hospital	Number	Beds	Number	Beds	Number	Beds	Number	Beds	Number	Beds	Number	Beds
Proprietary	85	3,745	44	1,202	79	3,680	39	1,102	68	3,776	25	914
General and allied special	81	3,357	40	814	76	3,338	36	760	65	3,434	22	572
General	5	269	2	70	4	86	2	70	6	300	2	70
Allied Special	76	3,088	38	744	72	3,252	34	690	59	3,134	20	502
Rehabilitation and extended care (including conv. & chronic)[3,4]	71	2,954	35	645	68	3,122	31	591	55	3,014	17	403
Other	5	134	3	99	4	130	3	99	4	120	3	99
Hospital for psychiatric disorders	4	388	4	388	3	342	3	342	3	342	3	342
Alcoholic	–	–	–	–	–	–	–	–	–	–	–	–
Mental	–	–	–	–	–	–	–	–	–	–	–	–
Psychiatric	3	342	3	342	3	342	3	342	3	342	3	342
Other[6]	1	46	1	46	–	–	–	–	–	–	–	–
Federal	125	4,646	17	646	135	4,375	18	704	135	4,089	18	686
General and allied special	125	4,646	17	646	135	4,375	18	704	132	3,735	17	600
General	24	2,912	3	513	19	2,359	3	477	17	1,938	3	473
Allied Special	101	1,734	14	133	116	2,016	15	227	115	1,797	14	127
Rehabilitation and extended care (including conv. & chronic)[4]	1	1,130	–	–	1	1,130	–	–	1	1,130	–	–
Other	100	604	14	133	115	886	15	227	114	667	14	127
Hospitals for psychiatric disorders	...	...	...	...	...	...	...	...	3	354	1	86
Psychiatric	...	...	...	...	...	...	...	...	3	354	1	86

1) Data are as of January 1st for 1978-79, April 1st for 1980.
2) Includes the Alcoholism and Drug Addiction Research Foundation, (The Clinical Institute, Toronto) and the Donwood Institute, Toronto.
3) Includes 21 contract nursing homes in Ontario with 202 beds in 1978, includes 5 contract nursing homes in Ontario with 17 beds in 1980.
4) The former Tuberculosis Sanatoria in Ontario are presently included under Extended Care
5) Includes Maternity, Orthopedic, Neurological, Cancer, Outpost hospitals, etc
6) Includes Emotionally Disturbed Children, Epilepsy and mental other.

Source: SC, *Canadian Hospitals and Related Facilities*.

Table 5.12
Selected Summary Data of Reporting Hospitals for Adults and Children, Canada and Ontario, 1966 to 1979-80.

	Separations[2]		Patient-days[2]		Paid hours[3] per patient-day		Total operating expense per patient-day	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Public, general[4] and allied special hospitals								$
1966	3,041,970	1,021,838	35,905,717	13,133,509	13.4	13.3	36.06	35.69
1967	3,086,166	1,043,269	36,806,871	13,422,942	13.9	13.6	40.38	40.41
1968	3,206,417	1,086,416	38,312,318	13,825,167	14.0	14.0	45.01	46.95
1969	3,285,094	1,152,779	38,955,666	14,236,837	13.3	13.3	50.69	52.50
1970	3,427,673	1,238,356	40,042,058	14,650,622	13.3	13.3	56.24	58.23
1971	3,556,582	1,285,855	40,908,429	14,767,512	13.3	13.6	61.58	64.99
1972	3,596,712	1,323,987	40,643,101	14,703,477	13.5	13.9	68.52	72.17
1973	3,657,620	1,350,823	40,757,455	14,370,230	13.7	14.3	77.09	81.49
1974	3,703,264	1,387,965	41,758,504	14,642,954	13.9	14.1	93.23	97.36
1975	3,701,473	1,413,307	42,844,899	14,696,385	14.2	14.3	106.48	114.51
1976	3,652,005	1,406,023	44,993,274	14,414,625	13.6	14.1	126.07	137.42
1977-78[5]	3,620,411	1,319,110	46,179,370	14,619,784	13.6	14.1	133.90	148.43
1978-79	3,610,977	1,306,106	48,086,011	14,680,771	13.7	14.3	146.66	161.07
1979-80[p]	3,503,770	1,288,317	45,166,403	14,472,490	14.0	14.3	162.79	174.87
Public mental hospitals								
1966	54,645	17,840	23,535,843	7,833,261	..	..	10.08	10.79
1967	57,076	21,114	22,494,813	7,656,147	..	..	12.23	13.60
1968	60,279	24,547	21,523,497	7,127,566	..	..	13.84	17.24
1969	57,981	22,724	21,164,148	6,606,444	..	..	16.79	20.67
1970	59,927	23,170	20,112,599	6,268,236	..	..	19.74	24.58
1971	51,241	22,740	19,253,011	5,890,050	..	..	22.52	30.15
1972	58,486	22,903	18,022,755	5,688,407	..	..	26.22	35.03
1973	59,840	24,742	17,118,841	5,257,787	..	..	30.76	42.03
1974	58,169	25,261	15,547,115	4,950,612	..	..	38.38	57.53
1975	58,009	25,438	14,761,013	4,644,165	..	..	46.59	63.21
1976	..	..	11,046,132	4,736,579	..	..	60.47	74.80
1977	..	..	5,054,441	2,164,160	..	..	86.10	110.67
1978-79	..	..	4,162,285	1,599,198	..	..	96.54	122.78
Public tuberculosis sanatoria								
1966	9,152	2,114	1,210,111	271,492	6.6	7.6	21.76	22.14
1967	8,927	2,140	1,149,572	252,293	7.6	7.8	23.41	24.72
1968	7,900	1,882	1,000,375	209,017	7.9	8.4	27.19	29.28
1969	7,754	1,806	874,406	188,244	7.9	7.9	30.77	32.50
1970	6,344	1,698	680,198	154,104	8.8	8.8	35.85	37.30
1971	5,390	1,398	538,939	116,836	9.9	9.5	41.56	42.58
1972	3,170	-	299,339	-	10.0	-	44.95	
1973	2,359	-	237,065	-	9.6	-	48.07	
1974	1,224	-	113,410	-	12.4	-	65.34	
1975	1,318	-	108,757	-	11.6	-	79.70	
1976	..	..	..	..	..	..	..	..
1977	..	..	..	..	..	..	..	..
1978	..	..	..	..	..	..	..	..

1) 1965-1975 data are final. Children's hospitals included in general hospitals in 1967 to 1968, excluded from this group from 1969 to 1973.
2) 1965-1972 figures for separations and patient-days are from reporting hospitals.
3) Excludes student classroom hours and medical staff.
4) Pediatric hospitals were included in general hospitals in 1966 to 1968.
5) Reporting changed to fiscal year basis from calendar year.

Source: *SC, Hospital Statistics*.

Table 5.13

Hospital Separations, Days of Hospitalization, Hospital Separation Rates and Average Days per Stay, by Sex, Canada and Ontario, Selected Years, 1966–1977

	Canada			Ontario		
	Male	Female	Total	Male	Female	Total
Separations						
1966	1,300,559	1,845,471	3,146,030	428,197	621,179	1,049,376
1968	1,349,120	1,906,045	3,255,165	440,256	641,077	1,081,333
1969	1,372,419	1,936,228	3,308,647	469,614	675,106	1,144,720
1970	1,425,126	2,024,197	3,449,323	500,893	724,976	1,225,869
1971	1,471,637	2,097,250	3,568,887	512,252	751,489	1,263,741
1972	1,510,142	2,124,564	3,634,706	546,302	787,852	1,334,154
1973	1,541,695	2,151,857	3,693,552	561,455	796,397	1,357,852
1974	1,552,728	2,162,204	3,714,932	573,249	811,011	1,384,260
1975	1,529,469	2,147,811	3,677,280	574,382	815,460	1,389,842
1976	1,512,207	2,110,933	3,623,140	573,355	801,361	1,374,716
1977	1,496,038	2,090,195	3,586,233	541,335	760,833	1,302,168
Separation Rate per 100,000						
1966	12,971	18,564	15,756	12,307	17,841	15,075
1968	12,992	18,476	15,756	12,063	17,534	14,801
1969	13,023	18,475	15,710	12,618	18,098	15,361
1970	13,335	19,011	16,168	13,140	18,954	16,052
1971	13,673	19,503	16,587	13,337	19,458	16,406
1972	13,862	19,476	16,671	14,015	20,018	17,031
1973	13,991	19,503	16,717	14,200	19,985	17,104
1974	13,874	19,286	16,582	14,216	19,969	17,103
1975	13,467	18,856	16,165	14,026	19,742	16,896
1976	13,230	18,314	15,783	13,995	19,228	16,634
1977	12,952	17,915	15,446	13,085	18,038	15,585
Days Stay						
1966	16,952,917	21,329,151	38,282,068	5,993,451	8,112,653	14,106,104
1968	16,622,512	20,792,830	37,415,342	5,334,184	7,074,975	12,409,159
1969	17,340,777	21,980,205	39,320,982	6,253,369	8,560,170	14,813,539
1970	17,714,406	22,642,613	40,357,019	6,391,488	8,638,221	15,029,709
1971	18,148,232	23,080,081	41,228,313	6,360,263	8,704,727	15,064,990
1972	18,555,261	23,471,970	42,027,231	6,564,242	8,753,646	15,317,888
1973	18,432,754	23,157,476	41,590,230	6,479,456	8,566,863	15,046,319
1974	18,442,744	23,398,745	41,841,489	6,449,433	8,679,990	15,129,423
1975	17,964,804	22,959,707	40,924,511	6,189,577	8,371,230	14,560,807
1976	17,400,375	22,218,925	39,619,300	6,071,816	8,195,487	14,267,303
1977	17,536,449	22,457,195	39,993,644	6,087,005	8,209,281	14,296,286
Average Days per Separation						
1966	13.0	11.6	12.2	14.0	13.1	13.4
1968	12.3	10.9	11.5	12.1	11.0	11.5
1969	12.6	11.4	11.9	13.3	12.7	12.9
1970	12.4	11.2	11.7	12.8	11.9	12.3
1971	12.3	11.0	11.6	12.4	11.6	11.9
1972	12.3	11.0	11.6	12.0	11.0	11.5
1973	12.0	10.8	11.3	11.5	10.8	11.1
1974	11.9	10.8	11.3	11.3	10.7	10.9
1975	11.7	10.7	11.1	10.8	10.3	10.5
1976	11.5	10.5	10.9	10.6	10.2	10.4
1977	11.7	10.7	11.2	11.2	10.8	11.0

Source: SC, Hospital Morbidity Section, Health Division.

Table 5.14
Reported Cases of Notifiable Diseases, Canada and Ontario, 1979-1980

	1979		1980	
	Canada	Ontario	Canada	Ontario
Anthrax	–	–	–	–
Botulism	–	–	2	–
Chancroid	8	2	2	1
Cholera	–	–	3	–
Diptheria	84	1	63	–
Food Poisoning	918	682	485	179
Gonococcal Infections	51,833	16,657	52,958	16,053
Hepatitis-A	1,677	370	1,343	331
-B	1,021	670	1,092	697
Lassa Fever	–	–	–	–
Leprosy	11	6	25	16
Measles	22,444	7,483	13,347	8,229
Meningitis Encephalitis				
Bacterial	412	186	413	157
Viral	687	298	238	93
Meningococcal Infections	311	108	258	85
Paratyphoid	51	15	34	20
Pertussis	2,227	1,269	2,812	1,648
Plague	–	–	–	–
Poliomyelitis	3	2	–	–
Rabies	–	–	–	–
Rubella	8,201	1,818	3,093	1,175
Congenital Rubella	29	22	15	8
Salmonellosis	7,420	2,859	8,515	3,834
Shigellosis	1,398	339	2,328	331
Smallpox	–	–	–	–
Syphilis	2,963	1,650	3,000	1,759
Trichinosis	46	7	12	–
Tuberculosis	2,533	765	2,636	777
Typhoid	108	49	80	42
Viral Haemorrhagic Fever	. . .	–	–	–
Yellow Fever	–	–	–	–

Source: SC. Notifiable Diseases Summary

Table 5.15
Notifiable Diseases and Rates, Ontario, 1978-1980

Diseases	Reported Cases			Population Rate per 100,000			Mean Rate Per 100,000 Population	
	1978	1979	1980	1978	1979	1980	1975-1979	1970-1979
Amoebiasis	774	707	929	9.2	8.3	10.8	8.9	6.4
Anthrax	–	–	–	0.0	0.0	0.0	0.0	0.0
Brucellosis	1	4	–	--	--	0.0	0.1	--
Chickenpox	12,984	20,803	11,738	153.8	244.7	137.0	189.1	170.0
Diphtheria	2	1	–	--	--	0.0	0.1	0.1
Gastroenteritis	73	351	314	0.9	4.1	3.7	1.0	0.5
Giardiasis	1,732	2,576	3,147	20.5	30.3	36.7	10.3	5.3
Guillain Barré Syndrome	3	3	8	--	--	0.1	0.1	0.0
Influenza	9,956	13,120	17,545	117.9	154.4	204.7	111.4	101.4
Legionnaires' Disease	21	34	3	0.2	0.4	--	0.1	0.1
Leprosy (Hansen's Disease)	3	6	16	--	0.1	0.2	0.1	0.1
Malaria	70	95	253	0.8	1.1	3.0	0.7	0.4
Measles	2,828	7,483	8,253	33.5	88.0	96.3	47.4	51.3
Meningitis (Aseptic)	24	34	27	0.3	0.4	0.3	0.1	--
Meningitis (Mycotic)	1	7	1	--	0.1	--	0.1	0.0
Meningococcal Meningitis	112	108	94	1.3	1.3	1.1	1.2	1.2
Meningo-encephalitis	131	298	93	1.6	3.5	1.1	1.1	0.5
Mumps	5,913	5,352	1,706	70.0	63.0	19.9	57.2	83.1
Opthalmia Neonatorum	1	1	–	--	--	0.0	0.0	0.0
Paratyphoid Fever	15	15	21	0.2	0.2	0.2	0.2	0.2
Pertussis	2,151	1,269	1,648	25.5	14.9	19.2	18.9	13.4
Poliomyelitis	6	2	–	0.1	--	0.0	--	--
Psittacosis	1	1	4	--	--	--	0.0	0.0
Rabies	–	–	–	0.0	0.0	0.0	0.0	0.0
Reye's Disease	3	6	24	--	0.1	0.3	0.1	–
Rocky Mountain Spotted Fever	–	–	–	0.0	0.0	0.0	--	0.0
Rubella	1,305	1,818	1,175	15.5	21.4	13.7	22.9	22.1
Salmonellosis	2,790	2,859	3,834	33.0	33.6	44.7	24.1	19.8
Shigellosis	281	339	331	3.3	4.0	3.9	3.8	4.1
Tetanus	5	1	2	--	--	--	--	--
Toxoplasmosis	146	38	45	1.7	0.4	0.5	0.5	0.3
Trichinosis	15	7	–	0.2	0.1	0.0	--	--
Turalaemia	–	–	2	0.0	0.0	--	0.1	0.0
Typhoid Fever	46	49	45	0.5	0.6	0.5	0.6	0.6
Viral Hepatitis-A	476	370	331	5.6	4.4	3.9	6.6	13.2
B	369	670	697	4.4	7.9	8.1	4.6	3.2
C	. .	29	19	. .	0.3	0.2	0.1	. .
Unspecified	103	71	30	1.2	0.8	0.4	1.1	1.1
Yersiniosis	. .	107	147	. .	1.3	1.7	0.3	0.1

Source: Ontario Ministry of Health, Program Advisory Branch, Communicable Disease Control

Table 5.16
Death from Cancer and Heart Disease by Sex, Canada and Ontario, 1969-1978

	Cancer		Heart Disease	
	Canada	Ontario	Canada	Ontar
1969				
Total	29,627	10,661	54,591	20,9
Male	16,480	5,907	32,976	12,3
Female	13,147	4,754	21,615	8,6
1970				
Total	30,483	10,938	55,140	21,3
Male	17,048	6,080	33,318	12,6
Female	13,435	4,858	21,822	8,6
1971				
Total	31,036	10,952	54,965	21,2
Male	17,398	6,051	33,147	12,4
Female	13,638	4,901	21,818	8,7
1972				
Total	32,265	11,679	56,228	21,7
Male	17,886	6,308	33,858	12,7
Female	14,379	5,371	22,370	9,0
1973				
Total	33,069	11,951	56,656	22,0
Male	18,393	6,521	33,774	12,7
Female	14,676	5,430	22,882	9,2
1974				
Total	33,751	12,218	58,191	22,4
Male	18,655	6,568	34,590	12,9
Female	15,096	5,650	23,601	9,4
1975				
Total	34,019	12,362	56,970	22,0
Male	19,057	6,755	33,907	12,7
Female	14,962	5,607	23,063	9,3
1976				
Total	34,832	12,657	58,010	22,2
Male	19,529	6,980	34,576	12,8
Female	15,303	5,677	23,434	9,3
1977				
Total	36,419	13,342	58,324[r]	22,7
Male	20,378	7,285	34,641[r]	13,1
Female	16,041	6,057	23,683[r]	9,5
1978				
Total	37,498	13,704	57,577	22,1
Male	21,008	7,494	33,720	12,6
Female	16,490	6,210	23,857	9,5

Source: SC, *Vital Statistics*, (84-203)

Table 5.17
Deaths from all Forms of Tuberculosis and Rates, Canada and Ontario, 1950-1979

Year	Number		Rate per 100,000 Population	
	Canada	Ontario	Canada	Ontario
1950	3,679	585	26.8	13.1
1951	3,481	579	24.8	12.6
1952	2,538	398	17.6	8.3
1953	1,861	311	12.5	6.3
1954	1,593	307	10.4	6.0
1955	1,403	242	8.9	4.6
1956	1,256	221	7.8	4.1
1957	1,183	221	7.1	3.9
1958	1,027	186	6.0	3.2
1959	959	166	5.5	2.8
1960	823	157	4.6	2.6
1961	769	137	4.2	2.2
1962	785	164	4.2	2.6
1963	756	153	4.0	2.5
1964	670	146	3.5	2.2
1965	697	148	3.6	2.2
1966	669	132	3.3	1.9
1967	658	144	3.2	2.0
1968	630	129	3.0	1.8
1969	526	96	2.5	1.3
1970	527	102	2.5	1.3
1971	447	85	2.1	1.1
1972	453	84	2.1	1.1
1973	408	86	1.8	1.1
1974	330	78	1.5	1.0
1975	278	68	1.2	0.8
1976	264	63	1.1	0.8
1977	260	55	1.1	0.7
1978	220	54	0.9	0.6
1979	203	52	0.9	0.6

Source: SC, *Tuberculosis Statistics, Vol. I, Tuberculosis Morbidity and Mortality.*

Table 5.18
Notified Cases of Active Tuberculosis, by County, Ontario, 1979

	Total Cases	Notified		Percer Notifie 1975-197
		Number	Percent	
Ontario				
Algoma	10	8	80.0	81.
Brant	7	2	28.6	39.
Bruce	2	2	100.0	76.
Cochrane	13	11	84.6	70.
Dufferin	2	1	50.0	57.
Dundas	–	–	–	71.
Durham[1]	10	10	100.0	94.
Elgin	2	1	50.0	60.
Essex	26	24	92.3	92.
Frontenac	7	3	42.9	78.
Glengarry	–	–	–	88.
Grenville	1	1	100.0	80.
Grey	3	3	100.0	88.
Haldimand-Norfolk[2]	1	–	–	81.
Haliburton	–	–	–	100.
Halton	9	5	55.6	62
Hamilton-Wentworth	26	21	80.8	74
Hastings	9	9	100.0	71
Huron	1	–	–	62
Kenora[3]	13	8	61.5	65
Kent	6	5	83.3	83
Lambton	12	10	83.3	75
Lanark	–	–	–	18
Leeds	2	1	50.0	61
Lennox and Addington	3	3	100.0	71
Manitoulin	1	1	100.0	100
Middlesex	21	19	90.5	80
Muskoka	–	–	–	77
Niagara[4]	19	11	57.9	72
Nipissing	4	2	50.0	21
Northumberland	4	3	75.0	60
Ottawa-Carleton	32	30	93.8	93
Oxford	4	3	75.0	55
Parry Sound	2	2	100.0	80
Peel	22	20	90.9	79
Perth	1	1	100.0	75
Peterborough	3	3	100.0	84
Prescott	5	4	80.0	61
Prince Edward	–	–	–	71
Rainy River	3	3	100.0	94
Renfrew	4	3	75.0	68
Russell	2	1	50.0	75
Simcoe	6	3	50.0	60
Stormont	2	2	100.0	8
Sudbury	14	12	85.7	8
Thunder Bay	11	6	54.5	7
Timiskaming	11	11	100.0	9
Victoria	2	–	–	5
Waterloo	22	18	81.8	8
Wellington	6	6	100.0	7
Metro Toronto	356	321	90.2	9
York (Excl. Metro Toronto)	6	1	16.7	6

1) The Regional Municipality of Durham was formed January 1, 1974 by the amalgamation of Durham and Ontario Counties.
2) The Regional Municipality of Haldimand-Norfolk was formed April 1, 1974 by the amalgamation of Haldimand and Norfolk Counties.
3) Kenora includes the County of Kenora and District of Patricia.
4) The Regional Municipality of Niagara was formed January 1, 1970 by the amalgamation of Lincoln and Welland Counties.

Source: Ministry of Health, *Tuberculosis in Ontario*

Table 5.19

Tuberculosis by Site and Type of Disease Among Canadian-born, Registered Indians and Foreign-born, Ontario 1979

	Canadian-born (excluding Indians)		Canadian Indians		Foreign-born		Total[1]	
	No.	%	No.	%	No.	%	No.	%
Respiratory	233	39.7	27	4.6	327	55.7	587	100.0
Post-Primary	203	39.0	23	4.4	295	56.6	521	100.0
Far Advanced	28	50.0	7	12.5	21	37.5	56	100.0
Moderately Advanced	70	36.3	10	5.2	113	58.5	193	100.0
Minimal & Extent Unspecified	105	38.6	6	2.2	161	59.2	272	100.0
Primary	7	50.0	2	14.3	5	35.7	14	100.0
Miliary	5	38.5	2	15.4	6	46.2	13	100.0
Pleurisy	16	48.5	–	–	17	51.5	33	100.0
Other Respiratory	2	33.3	–	–	4	66.7	6	100.0
Non-Respiratory	42	22.1	7	3.7	141	74.2	190	100.0
Genito-Urinary	23	31.9	1	1.4	48	66.7	72	100.0
Lymph Gland	8	10.8	2	2.7	64	86.5	74	100.0
Bone and Joint	4	26.7	–	–	11	73.3	15	100.0
Central Nervous System	1	11.1	1	11.1	7	77.8	9	100.0
Alimentary	3	25.0	2	16.7	7	58.3	12	100.0
Skin	2	–	–	–	–	–	2	100.0
Other Organs	1	16.7	1	16.7	4	66.7	6	100.0
All Cases	275	35.4	34	4.4	468	60.2	777	100.0

[1] Excludes 2 cases in which country of births was not known.

Source: Ministry of Health, *Tuberculosis in Ontario.*

Table 5.20

Deaths Attributed to Tuberculosis, Ontario, 1979

	Males			Females			Total		
Age Group	Number	Population[1]	Rate per 100,000	Number	Population[1]	Rate per 100,000	Number	Population[1]	Rate per 100,000
0-9	–	634,229	–	–	603,243	–	–	1,237,472	–
10-24	–	1,183,475	–	–	1,141,937	–	–	2,325,412	–
25-34	–	702,630	–	–	709,865	–	–	1,412,495	–
35-44	–	515,997	–	1	506,687	0.2	1	1,022,684	0.10
45-54	7	469,532	1.5	1	465,307	0.2	8	934,839	0.86
55-64	1	363,569	0.3	4	394,937	1.0	5	758,506	0.66
65-69	6	133,620	4.5	4	152,764	2.6	10	286,384	3.49
70+	12	206,972	5.8	10	318,536	3.1	22	525,508	4.19
Total	26	4,210,024	0.6	20	4,293,276	0.5	46	8,503,300	0.54

[1] Population estimates for 1979 provided by Ontario Ministry of Treasury, Economics and Intergovernmental Affairs.

Source: Ministry of Health, *Tuberculosis in Ontario.*

Table 5.21
Types of Psychiatric Inpatient Facilities Reporting, Canada and Ontario, 1975-1978

Type of institution	1975		1976		1977		1978	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
All institutions	365	135	372	143	359	124	348	119
Public mental hospital	46	15	45	14	42	13	41	13
Private mental hospital	-	-	–	–	–	–	1	1
Public psychiatric hospital	10	3	10	3	10	3	10	3
Private psychiatric hospital	3	3	3	3	3	3	3	3
Aged and senile home	5	-	5	–	5	–	5	–
Public psychiatric unit	129	50	135	53	149	60	146	61
Federal psychiatric unit	7	2	7	2	7	2	6	1
Public hospital for addicts	19	3	20	4	20	4	20	4
Private hospital for addicts	1	-	–	–	–	–	–	–
Public treatment centre for emotionally disturbed children	22	5	22	5	22	5	24	9
Private treatment centre for emotionally disturbed children	33	21	36	24	36	24	32	19
Epilepsy hospital	2	-	2	–	2	–	2	–
Public institution for the mentally retarded	78	23	77	25	53	–	53	–
Private institution for the mentally retarded	10	10	10	10	10	10	5	5

Source: SC, *Mental Health Statistics, Vol. I, Institutional Admissions and Separations. Preliminary Patient Movement.*

Table 5.22
Patients on the Books and Admissions of Psychiatric Facilities[1] by Age Group, Ontario, 1961-1979-80[3]

	Age Group							
	0-14	15-24	25-34	35-44	45-54	55-64	65+	Total[2]
Patients on the Books								
1961	2,715	3,151	3,049	3,746	4,013	3,658	4,553	24,885
1962	3,077	3,424	2,920	3,640	3,491	3,207	3,690	23,449
1963	3,133	3,654	2,969	3,503	3,377	3,101	3,566	23,283
1964	3,116	3,918	2,936	3,557	3,405	3,042	3,610	23,584
1965	2,908	3,945	2,795	3,405	3,233	2,835	3,002	22,123
1966	2,768	4,172	2,760	3,077	2,998	2,591	2,799	21,165
1967	2,694	4,164	2,734	2,832	2,648	2,251	2,308	19,631
1968	2,429	3,975	2,377	2,287	2,289	1,946	1,966	17,269
1969	2,154	3,951	2,376	2,202	2,147	1,767	1,782	16,379
1970	1,942	3,949	2,355	1,987	2,033	1,612	1,558	15,436
1971	1,796	4,008	2,390	1,911	2,058	1,647	1,694	15,504
1972	1,569	3,877	2,494	1,864	2,023	1,617	1,622	15,066
1973	1,424	3,714	2,477	1,745	1,921	1,580	1,578	14,439
1974	146	720	932	922	1,181	1,047	1,213	6,161
1975	145	721	858	763	940	867	1,122	5,416
1976	132	697	914	713	809	764	1,001	5,030
1977-78[4]	25	711	933	637	690	680	932	4,608
1978-79	24	652	919	621	618	599	924	4,357
1979-80	27	664	906	620	583	624	906	4,330
Admissions								
1961	896	1,242	1,743	1,873	1,418	888	1,463	9,523
1962	1,165	1,497	2,086	2,254	1,584	1,042	1,654	11,282
1963	966	1,738	2,394	2,550	1,640	1,092	1,624	12,004
1964	977	1,911	2,374	2,565	1,735	1,134	1,585	12,281
1965	787	1,910	2,345	2,673	1,949	1,268	1,615	12,547
1966	958	2,284	2,694	3,139	2,224	1,404	1,782	14,485
1967	1,177	2,481	2,966	3,360	2,527	1,686	1,924	16,121
1968	1,339	2,875	3,268	3,520	2,796	1,786	1,915	17,499
1969	1,281	3,177	3,262	3,641	2,753	1,616	1,573	17,303
1970	1,299	3,425	3,221	3,436	2,685	1,535	1,370	16,971
1971	1,369	3,657	3,179	3,311	2,715	1,619	1,456	17,306
1972	1,286	3,572	3,352	3,283	2,902	1,609	1,298	17,302
1973	1,519	3,588	3,344	3,162	2,968	1,723	1,603	17,907
1974	479	3,349	3,343	3,017	2,707	1,462	1,372	15,729
1975	489	3,249	3,554	2,915	2,623	1,606	1,325	15,761
1976	403	2,916	3,244	2,431	2,293	1,379	1,244	13,910
1977-78[4]	370	3,305	3,934	2,859	2,599	1,608	1,374	16,049
1978-79	105	2,818	3,424	2,119	1,927	1,216	1,058	12,667
1979-80	99	2,849	3,690	2,327	1,838	1,257	1,045	13,105

1) Includes Psychiatric Hospitals and Facilities for the Retarded.
2) Includes patients for whom the age was not stated.
3) Figures do not include facilities for the retarded starting in 1974.
4) 15 month period–Jan. 1, 1977 to March 31, 1978.

Source: Ministry of Health, *Hospital Statistics, Mental Health Services.*

Table 5.23
Psychiatric Inpatient Facilities, First Admission Rates, Canada and Ontario, Selected Years, 1951-1978

	Canada	Ontario
	Rate per 100,000 Population	
1951	78	80
1961	153	177
1967	200	216
1968	210	233
1969	220	260
1970	241	287
1971	260	302
1972	247	310
1973	248	310
1974	268	341
1975	275	341
1976	261	323
1977	262	330
1978	260	357

1) First admission is defined as the admission to a psychiatric inpatient facility of a person who has no record of previous care in any such facility.

Source: SC, *Mental Health Statistics, Vol. I, Institutional Admissions and Separations.*

Table 5.24
Psychiatric Inpatient Facilities, First Admissions and Readmissions[1], Canada and Ontario, Selected Years, 1951-1978

	First Admissions		Readmissions	
	Canada	Ontario	Canada	Ontario
1951	10,892	3,691	3,572	1,153
1961	27,821	11,028	17,661	6,113
1967	40,775	15,409	41,817	15,407
1968	43,600	16,987	44,777	17,749
1969	46,408	19,367	46,477	18,679
1970	51,527	21,907	50,180	20,572
1971	56,444	23,636	50,144	22,223
1972	53,928	24,253	52,283	23,029
1973	54,834	24,579	57,043	24,464
1974	60,131	27,628	61,197	24,992
1975	62,624	28,016	63,357	26,334
1976	60,069	26,710	65,849	28,303
1977	60,939	27,657	65,456	26,922
1978	61,061	30,128	58,356	27,281

1) Readmission is defined as the admission of a person to a psychiatric inpatient facility who has a record of previous care in any such facility since 1976, transfers-in were included with the readmission counts.

Source: SC, *Mental Health Statistics, Vol. I, Institutional Admissions and Separations.*

Table 5.25
Average Daily Population of Mental Retardation Facilities[1] and Psychiatric Institutions[2], Ontario, 1950-1980

Year	Average Daily Population In Facilities and Institutions[3]	Average Daily Population On Books
1950	16,867	18,726
1951	17,333	19,239
1952	17,871	20,073
1953	18,439	20,631
1954	19,308	21,526
1955	19,899	22,284
1956	20,305	22,879
1957	21,025	23,900
1958	20,998	24,022
1959	21,360	24,907
1960	21,593	25,263
1961	21,369	25,432
1962	19,489	23,227
1963	19,321	22,869
1964	19,565	22,775
1965	18,719	21,887
1966	18,142	20,366
1967	17,722	20,846
1968	16,111	18,187
1969	15,128	16,787
1970	14,538	15,935
1971	14,112	15,597
1972	13,783	15,323
1973	13,741	15,093
1974	12,625[4]	13,816[5]
1975	11,859[4]	12,965[5]
1976	11,160[4]	12,128[5]
1977	10,520[4]	11,451[5]
1978	9,894[4]	10,797[5]
1979	9,431[4]	10,304[5]
1980	9,254[4]	10,195[5]

1. Since 1974 Mental Retardation facilities have been administered by the Ministry of Community and Social Services under the Developmental Services Act 1974.
2. The Psychiatric Institutions are administered by the Ministry of Health which also administered Mental Retardation Facilities prior to 1974. Up to 1974 both types of service were administered under the Mental Health Act.
3. Excludes patients in approved homes.
4. The average daily population in Psychiatric Institutions, 1974 through 1980 was 5,899; 5,125; 4,581, 4,329; 4,009, 3,865, 3,831 respectively.
5. The average daily population on the books in the Psychiatric Institutions 1974 through 1980 was 6,567, 5,752, 4,569, 4,853, 4,513, 4,313, 4,347 respectively.

Source: Ministry of Community and Social Services, Mental Retardation Facilities Division.
Ministry of Health, *Hospital Statistics* and Ministry of Health, Psychiatric Hospitals Branch.

Table 5.26
Patients on the Books of Psychiatric Hospitals by Diagnosis, Ontario, 1979-80

Diagnosis	In Hospital	In Approved Homes	On Leave of Absence	Total on Books		Rate per 100,000 Population
				Number	Per Cent	
With psychosis	2,697	106	233	3,036	70.1	35.7
Senile and presenile dementia	344	1	10	355	8.2	4.2
Alcoholic psychosis	92	2	1	95	2.2	1.1
Drug psychoses	20	–	1	21	0.5	0.2
Other organic psychoses	162	2	2	166	3.8	2.0
Schizophrenia	1,647	83	162	1,892	43.7	22.3
Affective psychoses	294	10	44	348	8.0	4.1
Paranoid states	58	3	3	64	1.5	0.8
Other non-organic psychoses	80	5	10	95	2.2	1.1
Without psychosis	1,147	25	118	1,290	29.8	15.2
Neurotic disorders	104	5	27	136	3.1	1.6
Personality disorders	299	11	41	351	8.1	4.1
Alcoholism	137	1	15	153	3.5	1.8
Drug dependence and abuse	14	–	3	17	0.4	0.2
Acute reaction to stress	28	–	3	31	0.7	0.4
Adjustment reaction	31	–	7	38	0.9	0.4
Emotional disturbance of childhood and adolescence	10	–	–	10	0.2	0.1
Hyperkinetic syndrome of childhood	6	–	–	6	0.1	0.1
Specific delays in development	5	–	–	5	0.1	0.1
Other non-psychotic disorders	249	3	17	269	6.2	3.2
Mental retardation	257	5	3	265	6.1	3.1
Observation only	7	–	2	9	0.2	0.1
Other	4	–	–	4	0.1	0.0
Total, all cases	3,848	131	351	4,330	100.0	50.9

Source: Ministry of Health, *Hospital Statistics*.

Table 5.27
Discharges and Discharge Rates from Psychiatric Facilities[1] by Age Group, Ontario, 1959-1979-80[2]

Year	Age Group							
	0-14	15-24	25-34	35-44	45-54	55-64	65+	Total
	Number of Persons							
1959	27	747	1,354	1,348	999	586	508	5,569
1960	75	857	1,515	1,520	1,063	726	561	6,317
1961	326	1,037	1,720	1,920	1,457	1,029	1,287	8,776
1962	412	1,253	2,137	2,382	1,957	1,415	1,815	11,371
1963	455	1,586	2,332	2,527	1,735	1,168	1,098	10,901
1964	528	1,734	2,308	2,515	1,702	1,061	1,010	10,858
1965	546	1,947	2,446	2,784	2,044	1,410	1,728	12,905
1966	561	2,188	2,757	3,397	2,425	1,600	1,546	14,474
1967	858	2,464	3,037	3,533	2,843	1,993	2,006	16,734
1968	1,015	3,166	3,670	3,960	3,153	2,124	1,913	19,001
1969	1,306	3,240	3,321	3,689	3,872	1,715	1,356	17,499
1970	1,108	3,493	3,324	3,575	2,791	1,657	1,336	17,284
1971	1,137	3,597	3,274	3,315	2,673	1,555	1,110	16,661
1972	1,148	3,660	3,408	3,259	2,950	1,579	1,158	17,162
1973	1,341	3,715	3,450	3,260	3,015	1,757	1,456	17,994
1974	432	3,339	3,366	3,095	2,950	1,669	1,412	16,263
1975	443	3,198	3,637	3,049	2,857	1,711	1,279	16,174
1976	384	2,900	3,229	2,490	2,372	1,455	1,200	14,030
1977-78[3]	388	3,164	3,982	2,952	2,668	1,653	1,257	16,064
1978-79	791	2,656	3,337	2,064	1,877	1,182	981	12,176
1979-80	78	2,791	3,699	2,327	1,848	1,258	1,107	13,108
	Rate per 100,000 Population							
1959	1.4	95.1	151.2	162.4	156.6	128.0	104.5	93.3
1960	3.8	106.4	169.9	178.8	162.1	155.2	113.0	103.4
1961	16.2	125.9	194.9	221.6	217.3	215.8	253.3	140.7
1962	20.1	146.9	246.9	269.9	286.1	290.5	350.3	179.3
1963	21.8	177.6	274.9	282.0	249.2	234.7	208.4	169.1
1964	24.9	183.3	273.6	275.3	239.8	207.5	187.5	164.9
1965	25.3	194.3	289.4	299.6	281.6	268.3	314.6	191.7
1966	25.4	201.8	312.9	360.6	325.8	297.7	272.3	207.9
1967	38.5	214.1	332.3	369.4	370.5	359.9	345.6	234.1
1968	45.4	261.4	388.4	411.7	399.1	372.0	322.3	260.1
1969	58.5	255.8	339.6	383.0	352.8	291.2	223.2	234.8
1970	49.4	262.6	324.1	369.4	332.4	273.0	214.6	226.3
1971	51.5	259.2	313.2	351.7	314.1	249.4	172.2	216.3
1972	52.1	256.6	311.6	345.9	338.4	247.7	175.4	219.1
1973	61.5	258.6	295.9	343.3	336.6	273.2	217.8	226.6
1974	20.1	225.6	271.4	325.8	320.6	256.8	204.6	201.0
1975	20.7	208.9	283.8	314.5	307.4	256.3	183.2	196.6
1976	18.5	186.8	248.0	258.1	253.2	209.2	162.5	169.8
1977-78[4]	14.7	160.9	241.2	241.5	224.9	187.8	134.6	153.5
1978-79	39.8	165.3	241.7	206.5	199.9	159.6	124.4	144.2
1979-80	4.0	172.3	261.9	227.5	197.7	165.9	136.3	154.2

1) Includes Psychiatric Hospitals and Facilities for the Retarded.
2) Figures do not include facilities for the Retarded, in 1974 and subsequent years.
3) Figures are for 15 month period Jan. 1, 1977 to March 31, 1978.
4) These rates are calculated using 80% of the discharges for 15 months to estimate the rates for a 12 month period.

Source: Ministry of Health, *Hospital Statistics.*

Table 5.28
Discharges and Deaths by Length of Time on Books of Psychiatric Hospitals from Time of Admission and Diagnosis, Ontario, 1979-80[1]

	Length of Time on Books							
	Less than 1 month		1-3 months		4-7 months		8-11 months	
Diagnosis	Discharges	Deaths	Discharges	Deaths	Discharges	Deaths	Discharges	Deaths
With psychoses	2,872	20	1,924	16	969	24	277	13
Senile and presenile dementia	30	10	65	10	51	9	20	9
Alcoholic psychoses	89	2	47	1	24	0	8	0
Drug psychoses	100	0	33	0	13	0	1	0
Other organic psychoses	24	0	22	1	16	2	5	0
Schizophrenia	1,943	5	1,206	3	617	5	183	4
Affective psychoses	472	2	418	1	192	5	46	0
Paranoid states	73	0	50	0	28	3	6	0
Other non-organic psychoses	141	1	83	0	28	0	8	0
Without psychoses	4,019	8	1,388	14	490	9	147	5
Neurotic disorders	498	0	217	1	96	0	18	
Personality disorders	1,143	1	380	1	155	1	43	3
Alcoholism	1,278	1	426	0	34	0	6	0
Drug dependance and abuse	166	0	22	0	4	0	0	0
Acute reaction to stress	290	0	27	0	17	0	2	
Adjustment reaction	157	0	55	1	30	2	6	
Emotional disturbance of childhood and adolescence	16	0	16	0	2	0	0	
Hyperkinetic syndrome of childhood	0	0	0	0	0	0	0	
Specific delays in development	2	0	4	0	3	0	3	
Other non-psychotic disorders	225	5	135	10	79	6	33	
Mental retardation	160	0	87	0	61	0	31	
Observation only	45	0	4	0	6	0	0	
Other	30	1	15	1	3	0	5	
Total, all cases	6,891	28	3,312	30	1,459	33	424	1

able 5.28 (cont'd.)

ischarges and Deaths by Length of Time on Books of Psychiatric Hospitals from Time of dmission and Diagnosis, Ontario, 1979-80[1]

	Length of Time on Books							
	1-2 years		3-4 years		5 years and over		Total	
iagnosis	Dis-charges	Deaths	Dis-charges	Deaths	Dis-charges	Deaths	Dis-charges	Deaths
ith psychoses	274	22	122	29	118	52	6,556	176
Senile and presenile dementia	27	14	15	20	5	31	213	103
Alcoholic psychoses	12	3	6	2	5	1	191	9
Drug psychoses	2	0	0	0	0	0	149	0
Other organic psychoses	11	0	1	1	4	2	83	6
Schizophrenia	182	2	83	4	91	11	4,305	34
Affective psychoses	32	3	14	2	7	6	1,181	19
Paranoid states	4	0	1	0	3	0	165	3
Other non-organic psychoses	4	0	2	0	3	1	269	2
ithout psychoses	168	16	42	7	53	11	6,307	70
Neurotic disorders	12	0	2	0	2	0	845	2
Personality disorders	60	3	14	0	13	1	1,808	9
Alcoholism	6	1	4	3	1	0	1,764	5
Drug dependance and abuse	1	0	0	0	0	0	193	0
Acute reaction to stress	4	0	0	0	0	0	340	0
Adjustment reaction	4	0	2	0	0	0	254	3
Emotional disturbance of childhood and adolescence	0	0	0	0	2	1	36	1
Hyperkinetic syndrome of childhood	0	0	0	0	0	0	0	0
Specific delays in development	1	0	0	0	2	1	15	1
Other non-psychotic disorders	33	9	7	2	4	6	516	40
Mental retardation	41	1	11	0	25	0	416	1
Observation only	0	0	0	0	0	0	55	0
Other	6	2	2	2	4	2	65	8
otal, all cases	442	38	164	36	171	63	12,863	246

12 month period April 1, 1979 to March 31, 1980

urce: Ministry of Health, *Hospital Statistics*

Table 5.29
OHIP Claim Payments by Category Distribution[1] and Service, Ontario, 1975-76 to 1979-80

	Category Distribution							
	Welfare		Full Premium		Partial Assistance		Full Assistance	
Services	$'000's	%	$'000's	%	$'000's	%	$'000's	%
April 1, 1975-March 31, 1976								
Medical	32,745	96	110,841	94	1,506	93	18,250	94
Dental	321	1	1,199	1	18	1	289	1
Optometric	513	2	1,969	2	33	2	371	2
Chiropractic	402	1	3,658	3	55	4	526	3
Osteopathic	6	–	89	–	1	–	9	–
Chiropody	54	–	295	–	3	–	38	–
Total	34,041	100	118,051	100	1,616	100	19,483	100
April 1, 1976-March 31, 1977								
Medical	36,145	97	116,676	94	152	93	23,516	94
Dental	165	–	846	1	1	1	248	1
Optometric	522	2	2,105	2	4	2	471	2
Chiropractic	443	1	3,915	3	6	4	665	3
Osteopathic	4	–	78	–	–	–	13	–
Chiropody	56	–	259	–	1	–	38	–
Total	37,335	100	123,879	100	164	100	24,951	100
April 1, 1977-March 31, 1978								
Medical	41,365[r]	97	128,074[r]	95[r]	281[r]	93	29,010[r]	94
Dental	127	–	738	–[r]	1	–	255	1
Optometric	604	2	2,403	2	7	2	582	2
Chiropractic	531	1	4,129[r]	3	14[r]	5	862	3
Osteopathic	5	–	69	–	1	–	12	–
Chiropody	61	–	279[r]	–	1	–	43	–
Total	42,693[r]	100	135,692[r]	100	304	100	30,764[r]	100
April 1, 1978-March 31, 1979[r]								
Medical	48,078	97	132,075	94	166	93	37,847	94
Dental	141	–	796	1	1	–	310	1
Optometric	717	2	2,572	2	3	2	788	2
Chiropractic	579	1	4,690	3	7	4	1,177	3
Osteopathic	6	–	72	–	–	–	14	–
Chiropody	63	–	275	–	–	–	55	–
Physiotherapy	181	–	728	–	2	1	186	–
Total	49,765	100	141,208	100	179	100	40,377	100
April 1, 1979-March 31, 1980								
Medical	47,219	97	125,913	93	147	92	40,733	94
Dental	134	–	727	–	1	1	332	1
Optometric	695	2	2,460	2	4	2	854	2
Chiropractic	579	1	4,583	4	7	5	1,271	3
Osteopathic	5	–	61	–	–	–	12	–
Chiropody	59	–	250	–	1	–	56	–
Physiotherapy	249	–	917	–	1	–	265	–
Total	48,940	100	134,911	100	161	100	43,523	100

Table 5.29 (cont'd.)
OHIP Claim Payments by Category Distribution[1] and Service, Ontario, 1975-76 to 1979-80

	Category Distribution							
	Group		65 & Over		D.V.A.[2]		Total	
Services	$'000's	%	$'000's	%	$'000's	%	$'000's	%
April 1, 1975-March 31, 1976								
Medical	420,211	94	110,140	96	3,007	96	696,700	94
Dental	4,404	1	227	–	20	1	6,478	1
Optometric	7,571	2	1,517	1	46	2	12,020	2
Chiropractic	11,586	3	2,361	2	42	1	18,630	3
Osteopathic	274	–	127	–	–	–	506	–
Chiropody	1,141	–	1,297	1	9	–	2,837	–
Total	445,187	100	115,669	100	3,124	100	737,171	100
April 1, 1976-March 31, 1977								
Medical	447,020	95	123,858	96	3,547	97	750,914	95
Dental	2,859	–	127	–	12	–	4,258	–
Optometric	8,246	2	1,644	1	56	2	13,048	2
Chiropractic	12,425	3	2,574	2	50	1	20,078	3
Osteopathic	241	–	118	–	1	–	455	–
Chiropody	1,012	–	1,284	1	10	–	2,660	–
Total	471,803	100	129,605	100	3,676	100	791,413	100
April 1, 1977-March 31, 1978[r]								
Medical	492,794[r]	95	143,526[r]	96[r]	4,255[r]	96	839,305[r]	95
Dental	2,721[r]	–	111	–	9	–	3,962[r]	–
Optometric	9,326	2	1,883	1	74	2	14,879	2
Chiropractic	14,549[r]	3	2,977[r]	2	65	2	23,127[r]	3
Osteopathic	228	–	115	–	1	–	431[r]	–
Chiropody	1,090[r]	–	1,471[r]	–	12	–	2,956[r]	–
Total	520,708[r]	100	150,083[r]	100	4,416[r]	100	884,660	100
April 1, 1978-March 31, 1979[r]								
Medical	552,657	93	165,921	95	4,860	96	941,604	94
Dental	3,175	1	117	–	12	–	4,552	–
Optometric	11,042	2	2,213	1	89	2	17,424	2
Chiropractic	16,226	3	3,288	2	74	2	26,041	3
Osteopathic	2	–	129	–	1	–	449	–
Chiropody	1,174	–	1,524	1	11	–	3,102	–
Physiotherapy	3,645	1	926	1	22	–	5,690	1
Total	588,146	100	174,118	100	5,069	100	998,862	100
April 1, 1979-March 31, 1980								
Medical	550,144	94	171,445	95	4,814	96	940,415	94
Dental	2,894	–	106	–	9	–	4,203	–
Optometric	11,100	2	2,254	1	87	2	17,454	2
Chiropractic	16,375	3	3,298	2	73	2	26,186	3
Osteopathic	197	–	116	–	2	–	393	–
Chiropody	1,108	–	1,443	1	11	–	2,928	–
Physiotherapy	4,755	1	1,300	1	25	–	7,512	1
Total	586,573	100	179,962	100	5,021	100	99,091	100

) Includes services for which claims have been received and approved by April 1979.
) D.V.A. = Department of Veteran Affairs.

ource: Ministry of Health, *OHIP Practitioner Care Statistics.*

Table 5.30
Per Capita Cost of OHIP Insured Population by Category Distribution[1] and Service, Ontario 1976-77 to 1979-80

Services	Category Distribution							
	Welfare	Full Premium	Parial Assistance	Full Assistance	Group	65 & Over	D.V.A.[2]	Total
April 1, 1976-March 31, 1977								
Medical	76.22	98.98	16.41	74.89	82.89	131.95	104.62	90.02
Dental	0.35	0.72	0.12	0.79	0.53	0.13	0.36	0.51
Optometric	1.10	1.78	0.40	1.50	1.53	1.75	1.66	1.56
Chiropractic	0.93	3.32	0.69	2.12	2.30	2.74	1.48	2.41
Osteopathic	0.01	0.07	–	0.04	0.04	0.13	0.04	0.05
Chiropody	0.12	0.22	0.04	0.12	0.19	1.31	0.29	0.32
Overall	78.73	105.09	17.66	79.46	87.48	138.07	108.45	94.87
Average Insured Population ('000)[3]	474.2	1,178.8	9.3	314.0	5,393.1	938.7	33.9	8,342.0
April 1, 1977-March 31, 1978								
Medical	83.85[r]	108.86[r]	45.97	82.65[r]	91.29[r]	145.89[r]	113.78[r]	99.37
Dental	0.26	0.63	0.19	0.73	0.50	0.11	0.25	0.47
Optometric	1.23[r]	2.04	1.11[r]	1.66	1.73	1.91[r]	1.97	1.76
Chiropractic	1.08	3.51	2.36	2.46	2.70	3.03[r]	1.74	2.74
Osteopathic	0.01	0.06	0.03	0.03	0.04	0.12	0.02	0.05
Chiropody	0.12	0.24[r]	0.10[r]	0.12	0.20	1.50[r]	0.31	0.35
Overall	86.55[r]	115.34[r]	49.76	87.65[r]	96.46[r]	152.56[r]	118.07[r]	104.74
Average Insured Population ('000)[3]	493.3	1,176.5	6.1	351.0	5,397.9	983.8	37.4	8,446.0
April 1, 1978-March 31, 1979[r]								
Medical	99.28	122.51	47.39	104.49	102.40	158.02	127.90	11.92
Dental	0.29	0.74	0.14	0.86	0.59	0.11	0.30	0.54
Optometric	1.48	2.38	1.08	2.18	2.05	2.11	2.34	2.07
Chiropractic	1.20	4.35	1.87	3.25	3.01	3.13	1.95	3.10
Osteopathic	0.01	0.07	–	0.04	0.04	0.12	0.03	0.05
Chiropody	0.13	0.25	0.11	0.15	0.22	1.45	0.30	0.37
Physiotherapy	0.37	0.68	0.47	0.51	0.67	0.88	0.57	0.68
Overall	102.76	130.98	51.06	111.48	108.98	165.82	133.39	118.73
Average Insured Population ('000)[3]	484.3	1,078.1	3.5	362.2	5,396.7	1,050.0	38.0	8,412.8
April 1, 1979-March 31, 1980								
Medical	97.72	120.01	22.94	104.31	101.94	154.22	124.39	110.94
Dental	0.28	0.69	0.23	0.85	0.53	0.09	0.22	0.50
Optometric	1.44	2.34	0.61	2.19	2.06	2.03	2.26	2.06
Chiropractic	1.20	4.37	1.14	3.26	3.03	2.97	1.88	3.09
Osteopathic	0.01	0.06	0.01	0.03	0.04	0.10	0.03	0.05
Chiropody	0.12	0.24	0.07	0.14	0.21	1.30	0.29	0.34
Physiotherapy	0.51	0.87	0.09	0.68	0.88	1.17	0.66	0.89
Overall	101.28	128.58	25.09	111.46	108.69	161.88	129.73	117.87
Average Insured Population ('000)[3]	483.2	1,049.2	6.4	390.5	5,396.8	1,111.7	38.7	8,476.5

1) Includes services for which claims have been received and approved by April, 1979.
2) D.V.A. = Department of Veteran Affairs.
3) Net certified population.

Source: Ministry of Health, *OHIP Practitioner Care Statistics*.

Table 5.31

Distribution of OHIP Payments for Services Rendered by Physicians[1], Ontario, 1979-80

Specialty	Number of Physicians	% of Total Physicians	Payments	% of Total Payments	Number of Services	% of Total Services
			$'000's		'000's	
General Practice	7,075	52.1	454,647.4	43.3	58,689.3	50.9
General Surgery	739	5.4	58,971.1	5.6	2,527.9	2.2
Internal Medicine	1,213	8.9	104,491.1	10.0	12,491.3	10.8
Obstetrics & Gynaecology	561	4.1	50,475.5	4.8	2,135.9	1.8
Pediatrics	493	3.6	34,487.7	3.3	4,987.9	4.3
Orthopedic Surgery	281	2.1	24,990.3	2.4	961.2	0.8
Otolaryngology	212	1.6	22,476.4	2.1	1,628.6	1.4
Urology	166	1.2	15,895.8	1.5	623.9	0.5
Diagnostic Radiology	431	3.2	81,359.3	7.8	3,993.0	3.4
Anaesthesia	563	4.2	36,790.7	3.5	7,007.8	6.1
Neurology	115	0.9	8,775.5	0.8	428.9	0.4
Psychiatry	868	6.4	44,598.3	4.3	2,494.7	2.2
Ophthalmology	305	2.2	30,215.2	2.9	1,555.1	1.4
Dermatology	146	1.1	13,571.1	1.3	1,245.3	1.1
Pathology	123	0.9	46,253.0	4.4	13,667.6	11.9
Neurosurgery	58	0.4	4,537.3	0.4	136.5	0.1
Plastic Surgery	97	0.7	8,560.2	0.8	275.3	0.2
Thoracic Surgery	37	0.3	4,415.7	0.4	72.5	0.1
Physical Medicine	53	0.4	3,106.3	0.3	333.9	0.3
Therapeutic Radiology	45	0.3	1,374.5	0.1	72.0	0.1
Total	13,581	100.0	1,049,992.4	100.0	115,328.6	100.0

1) Includes only those physicians who have rendered an insured service during April 1, 1979 to March 31, 1980

Source: Ministry of Health, *OHIP Practitioner Care Statistics.*

Table 5.32
Cigarette Smokers[1], Canada and Ontario, Selected Years, 1973-1979[3]

	Number of Cigarettes Smoked per Day	Male Population 15 years and over					Female Population 15 years and over				
		1973	1974	1975	1977	1979	1973	1974	1975	1977	1979
		Per cent									
Canada	1-10	9.0	7.9	7.3	6.3	5.6	9.3	8.4	8.8	7.6	6.3
	11-25	33.3	32.1	31.3	27.9	26.3	21.3	21.0	20.6	20.4	20.8
	over 25	5.4	5.2	4.7	5.7	5.8	1.7	2.0	2.0	2.7	2.7
	Total regular smokers	47.8	45.3	43.3	40.8	38.6	32.4	31.5	31.4	31.1	30.1
Ontario	1-10	8.3	7.3	7.1	6.3	5.5	8.0	7.4	8.6	7.1	6.4
	11-25	30.9	29.8	29.2	25.9	22.9	19.9	19.1	19.8	19.1	18.7
	over 25	4.9	4.8	4.3	5.3	5.1	1.4[2]	2.0	1.7	2.3	2.5
	Total regular smokers	44.1	41.9	40.6	38.2	34.4	29.3	28.4	30.1	28.8	27.9

1) Cigarette Smokers refer to those who smoke cigarettes daily.
2) Figure subject to large sample error.
3) Occasional Survey, 1976 and 1978 not done.

Source: Ministry of Health, Community Health Division.

Table 5.33
Sale of Alcoholic Beverages by Volume and Apparent Consumption, Canada and Ontario, 1973-74 to 1978-79[2]

	Population Age 15 Years and Over[3]	Sales of Alcoholic Beverages by Volume			Amount Absolute Alcohol Sold[1]			Per Capita Absolute Alcohol Consumption Age 15 Years and Over			
		Spirits	Wine	Beer	Spirits	Wine	Beer	Spirits	Wine	Beer	Tota
1973-74	'000's	'000's Gallons						Gallons			
Canada	15,996.4	34,656	27,273	413,041	13,862.4	3,600.0	20,652.0	0.87	0.22	1.29	2.38
Ontario	5,802.6	13,848	9,038	154,148	5,539.2	1,193.0	7,707.4	0.95	0.21	1.33	2.49
1974-75											
Canada	16,425.2	38,472	29,046	422,689	15,388.8	3,776.0	21,134.4	0.94	0.23	1.28	2.45
Ontario	5,965.3	15,011	9,514	156,115	6,004.4	1,236 8	7,805.8	1.00	0.21	1.31	2.52
1975-76											
Canada	16,841.8	39,672	31,138	434,183	15,868.8	4,047.9	21,709.2	0.94	0.24	1.29	2.47
Ontario	6,107.2	15,283	10,173	158,018	6,113.2	1,322.5	7,900.9	1.00	0.22	1.29	2.51
1976-77											
Canada	17,230.2[r]	41,145	33,214	430,367[r]	16,458.0	4,317.8	21,518.4	0.95	0.25	1.25	2.45
Ontario	6,236.5	16,068	11,384	153,189	6,427.2	1,479.9	7,659.4	1.03	0.24	1.22	2.49
1977-78											
Canada	17,578.1[r]	42,169	37,078	440,821	16,867.6	4,820.1	22,041.0	0.96	0.27	1.25	2.48
Ontario	6,366.0[r]	16,251	12,896	158,485	6,500.4	1,676.5	7,924.2	1.02	0.26	1.24	2.52
1978-79											
Canada	17,897.2	43,055	42,505	434,610	17,222.0	5,525.6	21,730.5	0.96	0.31	1.21	2.48
Ontario	6,484.7	16,067	14,622	161,670	6,426.8	1,900.9	8,083.5	0.99	0.29	1.25	2.53

1) To convert gallons of beverage to gallons of absolute alcohol the following average values were employed: spirits 40% alcohol by volume, wine 13.6% and decreasing steadily to 13% for 1974 and subsequent years and beer 5% alcohol by volume.
2) Gallonage figures are presented on a fiscal year basis; that is, data for 1973-74 are for the twelve month period beginning April 1st, 1973 and ending March 31, 1974.
3) The population aged 15 years and over was estimated for October 1st of each fiscal year.

Source: Addiction Research Foundation.

Table 5.34

Deaths and Death Rates From Alcohol-Related Problems and Estimated Prevalence of Alcoholism[1], Canada and Ontario, 1971-1978

	Population Aged 20 and Over[2]	Number of Deaths from Alcohol-Related Problems			Death Rates from Alcohol-Related Problems Per 100,000 Population Aged 20 and Over			Estimated Number of Alcoholics[3]	Alcoholics Per 100,000 Population Aged 20 and Over[3]
		Alcoholic Psychosis	Alcoholism	Liver Cirrhosis	Alcoholic Psychosis	Alcoholism	Liver Cirrhosis		
	'000's								
1971									
Canada	13,073.0	26	360	1,937	0.2	2.7	14.8	420,900	3,200
Ontario	4,781.2	14	145	792	0.3	3.0	16.5	172,700	3,600
1972									
Canada	13,348.8	28	410	2,236	0.2	3.1	16.7	474,700	3,600
Ontario	4,888.1	13	146	921	0.3	3.0	18.8	193,800	4,000
1973									
Canada	13,646.9	25	465	2,508	0.2	3.4	18.4[r]	525,400	3,800
Ontario	4,995.4	11	171	1,002	0.2	3.4	20.1[r]	210,500	4,200
1974									
Canada	14,016.7	25	510	2,618	0.2	3.6	18.7[r]	584.650	4,200
Ontario	5,140.9	9	221	1,022	0.2	4.3	19.9[r]	226,700	4.400
1975									
Canada	14,396.4	36	696	2,725	0.2	4.8	18.9	606,700	4,200
Ontario	5,268.7	15	286	1,007	0.3	5.4	19.1	230,300	4.400
1976									
Canada	14,751.1	32	635	2,791	0.2	4.3	18.9	622,750	4,100
Ontario	5,382.7	16	246	1,079	0.3	4.6	20.0	235,000	4,300
1977									
Canada	15,091.5	39	664	2,762	0.3	4.4	18.3	. .	. .
Ontario	5,496.5	20	236	1,051	0.4	4.3	19.1	. .	. .
1978									
Canada	15,409.2	41	638	2,838	0.3	4.1	18.4	. .	. .
Ontario	5,613.5	17	226	1,020	0.3	4.0	18.2	. .	. .

[1] Estimates of alcoholism prevalence were obtained by means of the Jellinek formula which infers the probable number of alcoholics in a population from the centred two-year moving average of total reported liver cirrhosis mortality.
[2] As of June 1st of each calendar year.
[3] Canada figures exclude the Yukon and Northwest Territories.

Source: Addiction Research Foundation.

Section
6

Education

Highlights

Enrolment – For public schools in Ontario the high point of enrolment was the 1971-72 mark of 2.0 million students. For the period between 1965 and 1979 there was a 16.8 per cent increase from the 1965-66 figure to the 1971-72 figure, and subsequently a 8.1 per cent decrease to the 1979-80 level. Private schools showed a much different pattern. For a similar period the highest level of enrolment was in 1979-80 at 67,899 students and the lower level was in 1968-69 at 38.7 per cent below that mark.

The general trend of somewhat lower levels of enrolment is most clearly demonstrated in terms of total enrolment for elementary schools. The 1980 mark of 1.2 million elementary school students is 1.5 per cent lower than the previous year and 15.4 per cent lower than the 1970 figure which showed the highest level of enrolment ever. The average annual increase in secondary school enrolment between 1967 and 1979 was 2.5 per cent which compares with recent annual percentage increases of 2.6 in 1975, 1.3 in 1976, 0.1 in 1977 and decreases of 0.4 in 1978, 1.9 in 1979, 2.3 in 1980. Through most of the sixties each year's enrolment had shown an increase of more than 4 per cent. It would seem only a matter of time until secondary school patterns show the same trend as elementary schools.

At the university level, full-time undergraduate enrolment has maintained its upward trend albeit at a somewhat reduced rate. From 1974-75 to 1975-76 enrolment increased at a rate between 5.0 and 7.0 per cent but between the years 1975-76 and 1976-77 this rate of increase dropped to 2.8 per cent. The 1978-79 mark of 136,782 undergraduates was a 3.3 per cent decrease over the previous year. The 1979-80 mark increased 0.4 per cent over the previous year.

Graduates – In 1980 there were 5,708 graduates of secondary school programs of occupational education. This is a 7.1 per cent increase from the previous year and a 1.4 per cent drop from 1974. On the other hand, there was a 0.1 per cent decrease from 1979 in the number of students receiving regular academic graduation diplomas. 97,779 were issued to public secondary and 10,085 to private secondary students.

At the university level there were 37,741 bachelor and first professional degrees awarded in 1979 a decrease of 5.0 per cent from the previous year. These degrees represent 43.3 per cent of the number awarded throughout Canada. There were also 6,105 masters degrees and 932 doctorates awarded in the same period. Community college graduates numbered 20,885, an increase of 10.2 per cent over 1978-79.

In 1980, 3,183 teachers graduated from Faculties of Education in Ontario.

Industrial Training – There were 36,344 active apprentices at the end of the 1980-81 year. This represents an increase of 16.7 per cent over the previous year end figure. 3,823 apprentices completed their training in 1980-81 which is a decrease of 29.5 per cent from the 1979-80 figure. There were 11,011 new registrations bringing the full-time school enrolment to 15,961 in 1980-81. These figures are a 2.8 per cent increase and a 1.8 per cent decrease respectively over the previous year.

Teachers – The total number of elementary and secondary school teachers employed in Ontario for 1978-79 decreased 2.3 per cent from the 1977-78 mark of 99,834. Post-secondary institutions showed a decrease of 0.1 per cent from the 1977-78 figure of 17,828. In 1980 the Municipality of Metropolitan Toronto employed the most teachers in Ontario with 11,579 elementary or 22.0 per cent of the total for the province and 7,582 secondary or 22.4 per cent of the provincial total.

At the university level there was an increase in teaching staff of 0.9 per cent from 1976-77 to 1979-80. The highest figure reached was the 1978-79 mark of 12,805. In 1979-80, 86.0 per cent of the university teaching staff were male.

Finances – In 1979 local taxation accounted for 45.8 per cent of the 4.1 million total revenue for Ontario school boards. Provincial government grants accounted for the other major portion with 50.1 per cent of the total. Elementary schools accounted for 58.6 per cent of the total expenditure (which corresponds to the total revenue), while secondary schools were responsible for the remaining 41.4 per cent.

Definitions

Offical Minority Language – English in Québec. French in all other provinces.

Second Language – The study of the official minority language as a second language; generally, the study of the grammar and the literature of the language.

School Enrolment – The total enrolment of elementary and secondary schools as reported as of September 30 each year.

Registered Indian – "Indian" means a person who, pursuant to the Indian Act, is registered as an Indian in the Indian Register.

Publicly Supported Schools – Publicly supported schools are those which are supported by local taxation and/or provincial grants and are administered by local school boards in accordance with the education act of the jurisdiction in which they are located. Included under this heading are the denominational schools of Newfoundland, the Protestant and Roman Catholic Separate schools, where such exist, and schools operated by the Department of National Defence on stations across Canada. These latter schools operate within the framework of the publicly supported schools of the province where they are located.

Private Schools – There exist throughout Canada, elementary and secondary schools which operate outside the publicly supported school system. Even though some of them may receive provincial financial support, they are operated privately by individuals, associations or corporations. Only academic elementary and secondary schools are reported.

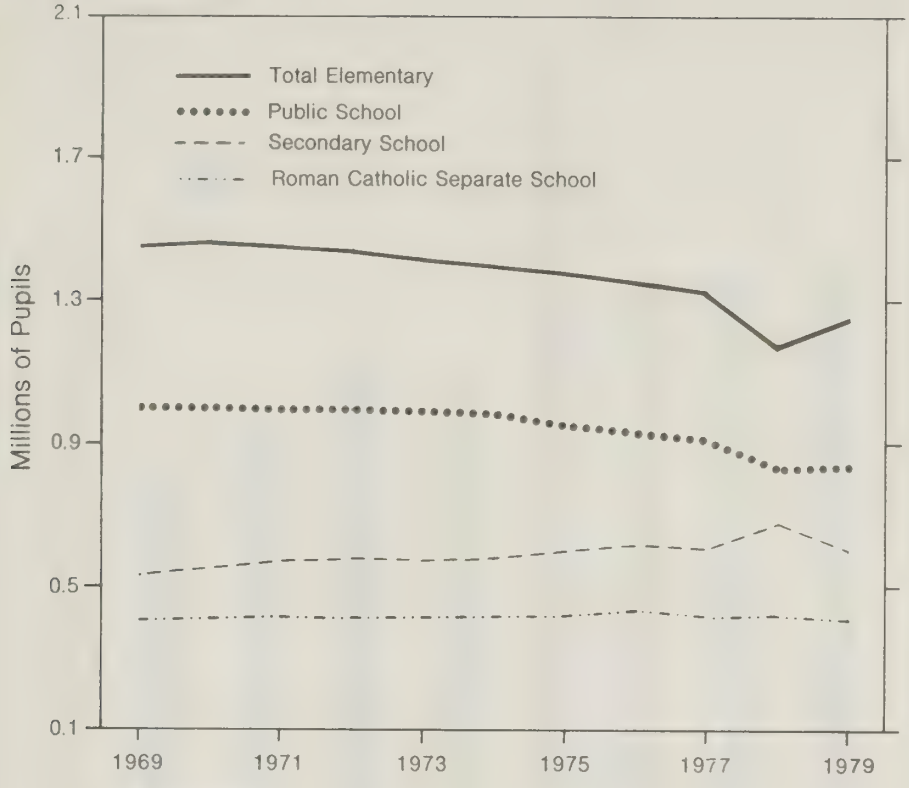
Federal Schools – Schools for Indian and Eskimo pupils. The education of Indian and Eskimo children in the provinces is the responsibility of the Department of Indian Affairs and Northern Development which administers the schools directly. Although the great majority of students in federal schools are Indian and Eskimo children, there are some other pupils enrolled, generally children of staff members.

Band Operated Schools –Schools operated by staff employed by an Indian Band or organization, and financed by the Department of Indian Affairs and Northern Development.

University Student Information Systems (USIS) – This is the statistical system which is now used to provide more accurate data. In previous years data were obtained solely from the Financial System (U.A.R.). Figures which are based on the USIS system are not comparable with data published previously because undergraduate and graduate breakdowns differ for Statistical and Financial purposes, due to differences in course classifications between the two systems.

raph 6.A

chool Enrolments,[1] Ontario, 1969-1979

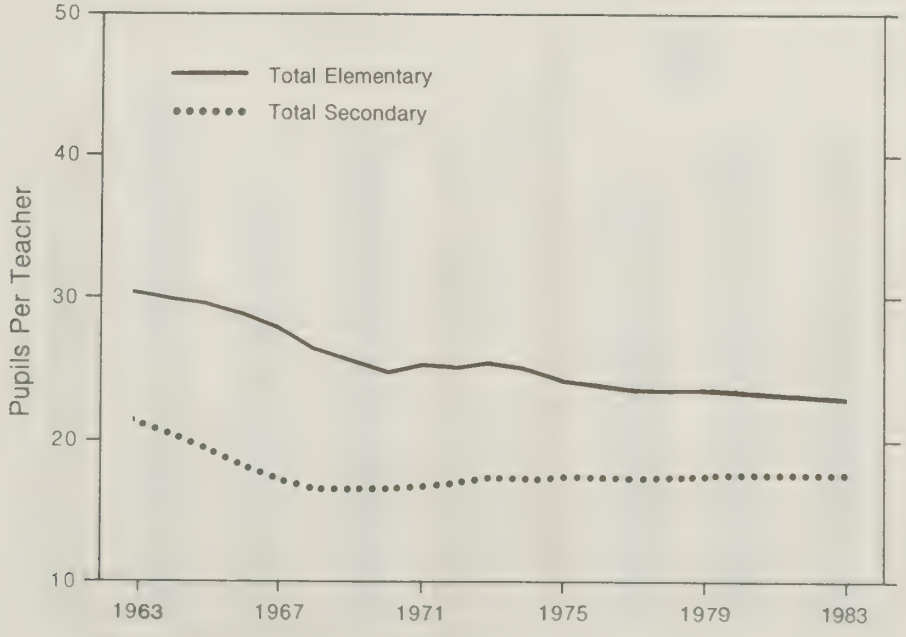


1 As of September 30.

Source: Ministry of Education, *Education Statistics Ontario.*

raph 6.B

upil/Teacher Ratio[1], Ontario, 1963-1980

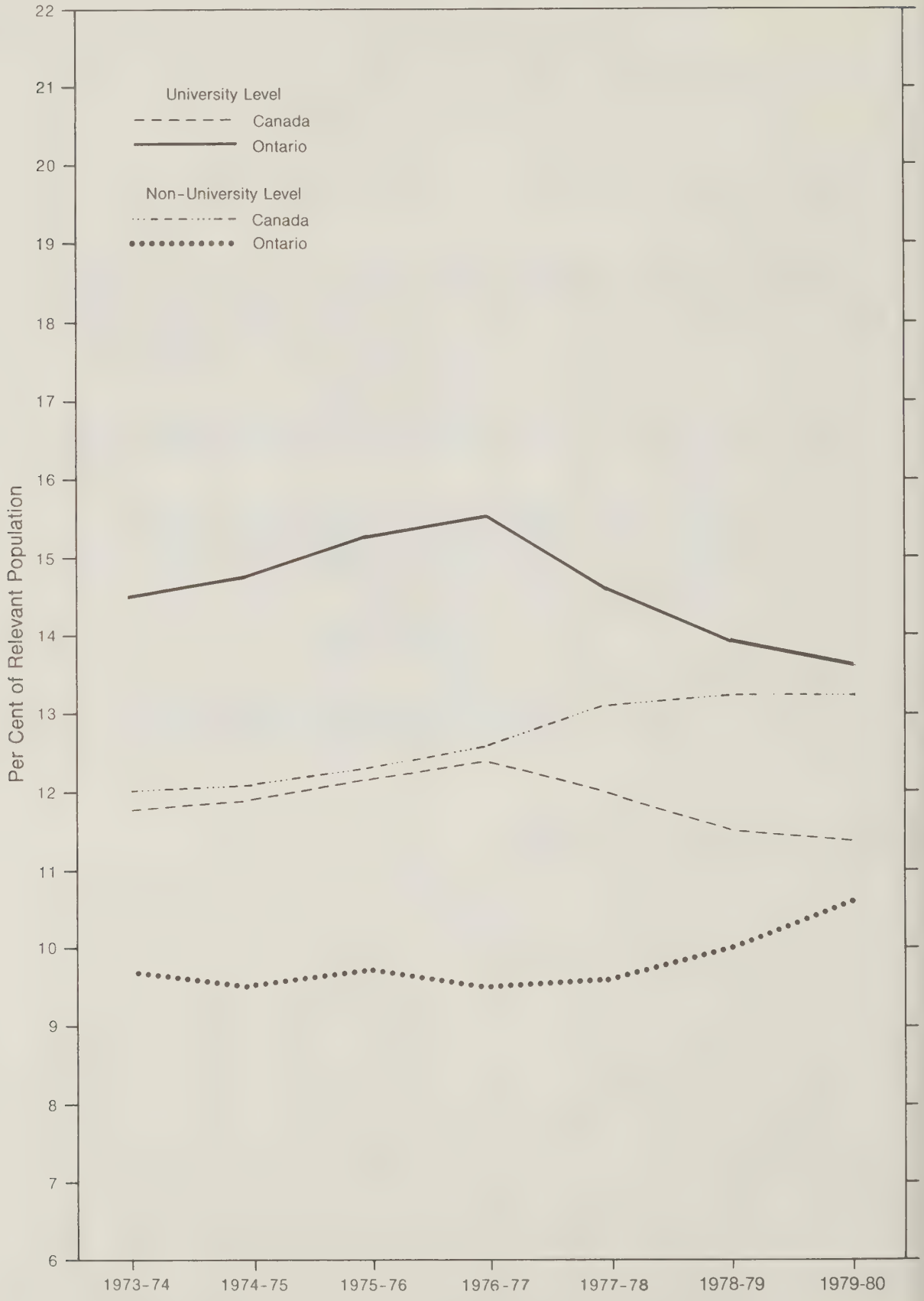


[1]Head count enrolment over number of full-time teachers

Source: Ministry of Education, *Education Statistics Ontario*

Graph 6.C

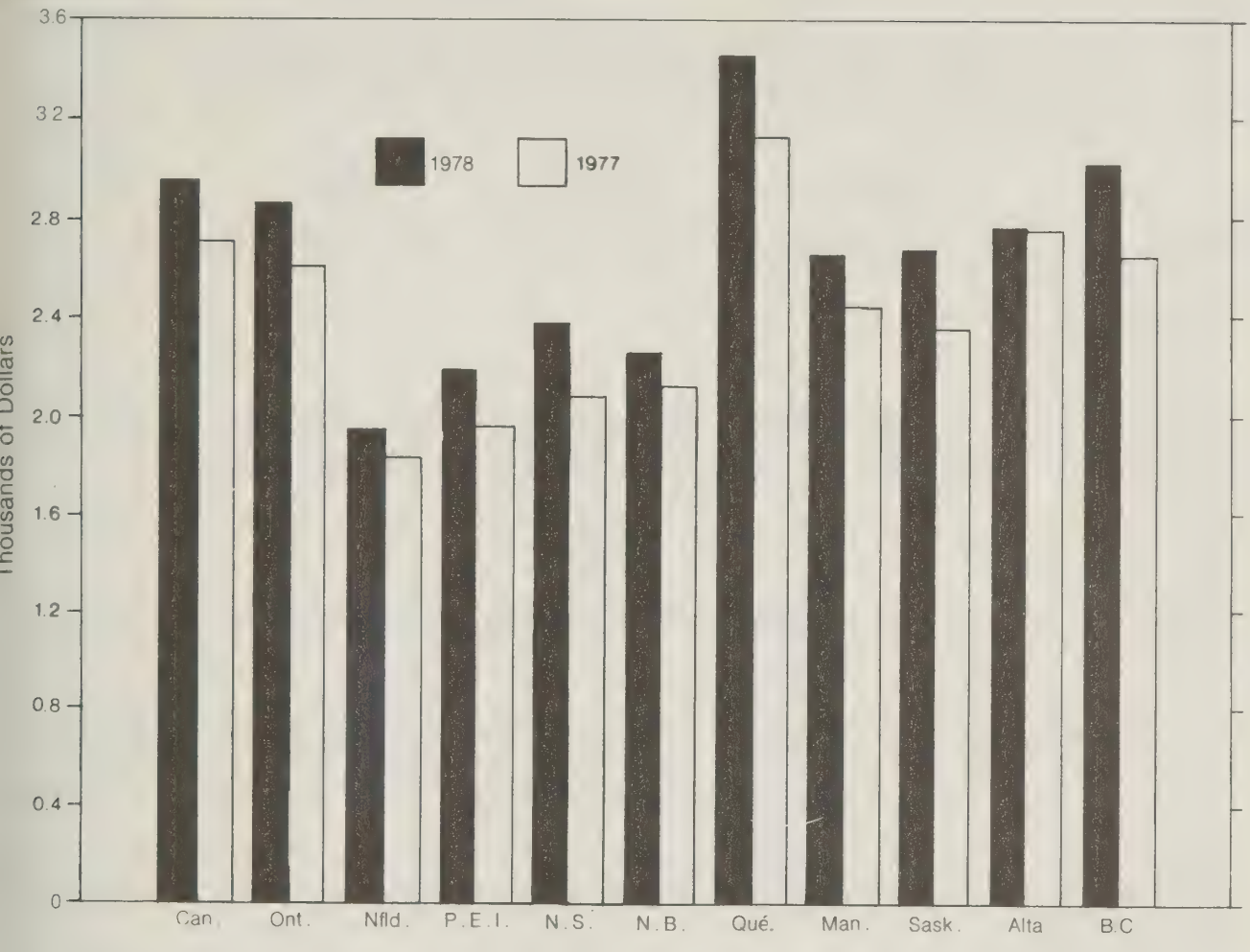
Full-Time Post-Secondary Enrolment by Level, Related to Relevant Population[1], Canada and Ontario, 1973-74 to 1979-80[2]



[1]Relevant population for University Level is 18 to 24 years of age and for Non-University Level is 18 to 21 years of age.
[2]1979-80 figures are preliminary

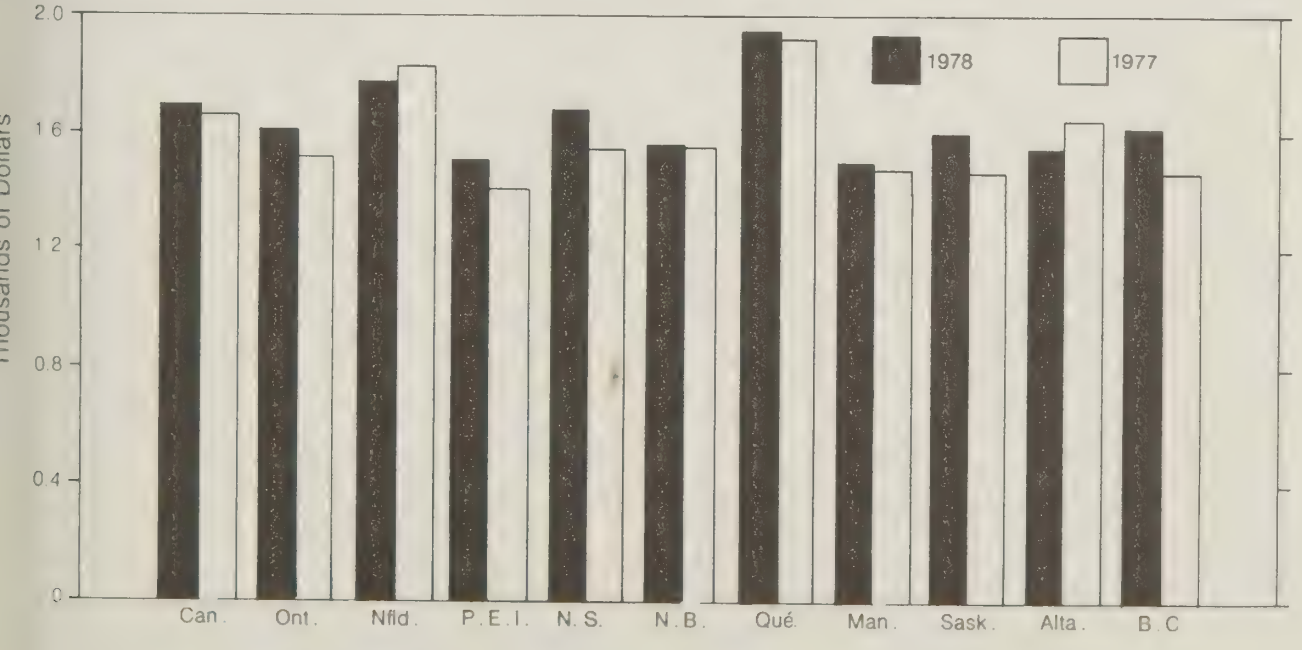
Source: SC, *Education in Canada*.

Graph 6.D
Expenditures on Education per Full-time Student, at all Levels, Canada and Provinces, 1977 and 1978[P]



Source: SC, *Education in Canada*, Catalogue 81-229

Graph 6.E
Expenditures on Education per Capita of the Labour Force, at All Levels, Canada and the Provinces, 1977 and 1978[P]



Source: SC, *Education in Canada*, Catalogue 81-229

Table 6.1
Summary of Educational Data: Number of Institutions, Full-Time Teachers, Full-Time Enrolment and Expenditures, Canada and Ontario, 1977-78 and 1978-79

	Institutions		Full-Time Teachers		Full-Time Enrolment		Total Expenditure on Education	
Canada	1977-78	1978-79	1977-78	1978-79	1977-78	1978-79	1977-78	1978-
							$ Million	
Elementary-Secondary Level								
Elementary and Secondary Schools:								
Regular Public	14,156	14,201	272,015[r]	266,796	5,179,221[r]	5,059,008	11,090.9	11,788
Federal	380	343	2,294	2,294	39,100	38,361	192.3	138
Private[1]	810[r]	882[r]	9,532[r]	9,812[r]	189,389[r]	193,388[r]	369.1	403
Other Schools:								
Blind and Deaf	23	23	802	797	3,253	3,253	92.6	104
Total Elementary-Secondary	15,369	15,449	284,643	279,699	5,410,963	5,294,010	11,744.9	12,434
Post-Secondary Level								
Community Colleges and Related Institutions	187	186	19,310	19,678	241,698r	248,034	1,266.0	1,467
Universities and Colleges	65	65	32,181	32,645	374,185	367,973	3,378.0	3,631
Total Post-Secondary	252	251	51,491	52,323	615,883	616,007	4,644.0	5,099
Total All Levels	15,621	15,700	336,134	332,022	6,026,846	5,910,017	16,388.9	17,533
Trade and Other Non-post secondary courses	. .	. .	. .	. .	. .	. .	1,070.5	1,126

able 6.1 (cont'd.)

ummary of Educational Data: Number of Institutions, Full-Time Teachers, Full-Time nrolment and Expenditures, Canada and Ontario, 1977-78 and 1978-79

	Institutions		Full-Time Teachers		Full-Time Enrolment		Total Expenditure on Education	
ntario	1977-78	1978-79	1977-78	1978-79	1977-78	1978-79	1977-78	1978-79p
							$ Million	
ementary-Secondary Level								
ementary and Secondary Schools:								
Regular Public	4,741	4,723	96,795	94,360	1,950,308r	1,909,145	4,056.9	4,377.3
Federal	86	82	400	410	7,429	7,468	23.8	24.6
Private[1]	339	377	2,363	2,486	61,082	64,148	109.5	125.3
her Schools:								
lind and Deaf	4	4	276	270	1,074	1,065	28.5	29.4
tal Elementary-Secondary	5,170	5,186	99,834	97,526	2,019,893r	1,981,826	4,218.7	4,556.6
st-Secondary evel								
ommunity Colleges and Related Institutions	30	30	5,072	5,004	60,994	64,499	351.1	391.1
iversities and olleges	22	22	12,756	12,805	159,222	154,396	1,287.6	1,358.6
tal ost-Secondary	52	52	17,828	17,809	220,216	218,895	1,638.7	1,749.7
tal All Levels	5,222	5,238	117,662	115,335	2,240,109	2,200,721	5,857.4	6,306.3
ade and Other lon-post secondary ourses	. .	. .	. .	. .	. .	. .	310.8	336.4

Does not include private kindergarten and nursery schools.

urce: SC, *Education, Science and Culture Division.*

Table 6.2
Enrolment in Private and Public Schools, Canada and Ontario, 1959-60 to 1982-83

	Private		Public	
	Canada	Ontario	Canada	Ontar
1959-60	163,718	25,316	3,803,297	1,319,22
1960-61	168,163	26,175	3,989,257	1,389,16
1961-62	179,635	27,826	4,184,322	1,462,23
1962-63	191,467	32,458	4,372,956	1,528,60
1963-64	201,085	41,721	4,554,784	1,597,37
1964-65	203,006[r]	44,470	4,744,629	1,673,77
1965-66	203,681	45,554	4,909,788	1,738,78
1966-67	188,997	46,072	5,075,827	1,800,89
1967-68	157,457	42,986	5,265,856	1,868,78
1968-69	145,774	41,604	5,454,687	1,931,39
1969-70	155,569	43,007	5,579,035	1,986,79
1970-71	142,601	44,116	5,655,431	2,022,44
1971-72	139,929	43,949	5,628,218	2,031,36
1972-73	151,595	44,826	5,570,251	2,028,1
1973-74	157,919	47,500	5,491,865	2,008,6
1974-75	175,298	51,239	5,416,366	1,994,4
1975-76	182,001	54,598	5,372,014	1,994,6
1976-77	188,326	58,226	5,284,220	1,973,1
1977-78	189,389[r]	61,082	5,179,221[r]	1,950,3
1978-79	193,388[r]	64,148	5,059,008[r]	1,909,1
1979-80	198,858[r]	67,899	4,944,711[r]	1,866,1
1980-81[p]	206,213	74,292	4,854,888	1,833,7
1981-82[1]	210,200	77,900	4,769,100	1,797,7
1982-83[1]	213,000	80,400	4,689,300	1,759,9

1) Projections.

Source: SC, Education, Science and Culture Division.

Table 6.3
Elementary School Enrolment by Age and Sex, Ontario, 1979 and 1980[1]

	1979			1980		
Age	Male	Female	Total	Male	Female	Tot
3 years and under	5,258	5,122	10,380	5,522	5,416	10,93
4 years	33,699	32,378	66,077	33,681	32,402	66,08
5 years	59,753	56,814	116,567	60,488	57,834	118,32
6 years	61,391	58,522	119,913	59,975	56,902	116,87
7 years	63,204	59,397	122,601	61,637	58,544	120,18
8 years	66,850	63,653	130,503	63,293	59,405	122,69
9 years	67,762	64,515	132,277	67,011	63,828	130,83
10 years	66,415	63,472	129,887	67,790	64,478	132,26
11 years	65,486	62,600	128,086	65,958	63,229	129,18
12 years	66,659	63,842	130,501	65,258	62,482	127,74
13 years	59,367	54,202	113,569	56,726	51,909	108,63
14 years	23,369	17,936	41,305	21,887	17,351	39,23
15 years	7,470	7,667	15,137	7,310	7,821	15,13
16 years	939	732	1,671	976	832	1,80
17 years and over	152	135	287	178	151	32
Total	647,774	610,987	1,258,761	637,690	602,584	1,240,27

1) As of the last school day in September.

Source: Ministry of Education, *Education Statistics Ontario.*

able 6.4

nrolment in Elementary and Secondary Schools[1] by Sex and Grade Group, Canada and)ntario, Selected Years, 1972-73 to 1979-80

	Grades I–VIII[2]				Grades IX and Higher[3]			
	Male		Female		Male		Female	
	Number	%	Number	%	Number	%	Number	%
972–73								
Canada	1,888,371	100.9	1,775,501	99.4	894,722	97.7	855,975	97.4
Ontario	666,063	102.6	623,497	101.0	325,576	105.1	303,501	102.1
975–76								
Canada	1,799,447	103.6	1,682,410	101.4	870,727	90.4	840,039	91.3
Ontario	624,835	102.4	585,874	100.9	342,098	103.1	322,845	102.3
976–77								
Canada	1,760,597	103.7	1,645,999	101.6	871,333	89.5	841,297	90.5
Ontario	613,259	102.5	575,012	101.0	345,865	102.5	328,713	102.4
977-78[r]								
Canada	1,717,049	103.7	1,603,746	101.7	868,093	88.6	838,558	89.6
Ontario	602,303	103.0	563,510	101.1	344,419	100.6	330,106	101.4
978-79[r]								
Canada	1,657,392	103.6	1,547,448	101.6	865,814	89.0	835,533	89.9
Ontario	583,938	102.9	546,087	101.2	347,760	101.3	332,820	102.0
979-80								
Canada	1,614,366	104.4	1,505,177	102.3	853,796	89.6	822.580	90.3
Ontario	567,341	103.4	530,298	101.8	343,687	102.1	328,866	102.6

Public, federal and private schools, including elementary and secondary students unclassified by grade (does not include schools for the handicapped).
Percentage of 6-13 age group population of June preceding the school year.
Percentage of 14-17 age group population of June preceding the school year.

urce: SC, Education, Science and Culture Division

able 6.5

econdary School Enrolment by Age and Sex, Ontario, 1979 and 1980[1]

	1979			1980		
ge	Male	Female	Total	Male	Female	Total
years and under	36	28	64	35	25	60
? years	262	284	546	279	311	590
3 years	11,248	13,359	24,607	10,683	12,672	23,355
4 years	54,757	56,814	111,571	49,563	50,470	100,033
5 years	73,244	69,161	142,405	69,264	64,766	134,030
6 years	71,334	66,904	138,238	70,333	66,133	136,466
' years	58,550	54,536	113,086	60,481	55,443	115,924
3 years	30,571	23,329	53,900	31,948	24,557	56,505
) years	6,541	3,239	9,780	7,215	3,585	10,800
) years	1,253	713	1,966	1,625	938	2,563
years	466	362	828	541	435	976
? and over	825	2,268	3,093	1,441	3,518	4,959
otal	309,087	290,997	600,084	303,408	282,853	586,261

As of the last school day in September.

urce: Ministry of Education, *Education Statistics Ontario.*

Table 6.6
Public School Enrolment by Year, Ontario 1969-1980[1]

	1969	1970	1971	1972	1973	197
Junior Kindergarten	7,099	9,199	10,837	20,406	22,467	23,56
Kindergarten	109,815	103,633	95,978	91,794	89,974	92,30
Grade 1	123,804	121,801	113,032	103,309	97,929	98,32
Grade 2	117,726	117,390	115,771	107,715	98,482	95,72
Grade 3	115,076	115,377	114,629	113,067	104,876	99,66
Grade 4	112,257	112,900	112,853	112,884	111,578	108,11
Grade 5	112,156	113,482	113,106	112,431	112,180	115,18
Grade 6	110,489	111,788	113,027	112,797	112,161	115,33
Grade 7	108,662	111,283	112,770	113,472	112,962	116,95
Grade 8	103,839	105,984	108,461	109,237	109,819	112,36
Grade 9	24	15	-	-	2	
Grade 10	1	5	-	-	-	
Special Education	21,613	24,198	24,239	25,823	26,238	. .
Total	1,042,561	1,047,055	1,034,703	1,022,935	998,668	977,54
Increase over previous year (%)	2.0	0.4	−1.2	−1.1	−2.4	−2.

Table 6.6 (cont'd)

	1975	1976	1977	1978	1979	198
Junior Kindergarten	23,519	21,277	21,181	21,042	20,804	21,87
Kindergarten	95,004	92,023	86,875	83,828	81,879	80,54
Grade 1	98,636	101,061	97,708	91,840	88,311	85,96
Grade 2	92,164	93,946	95,559	91,294	85,363	82,63
Grade 3	91,650	90,033	91,099	92,018	88,229	82,75
Grade 4	95,985	91,167	88,600	89,014	90,212	86,79
Grade 5	103,760	95,593	90,573	87,535	87,542	88,62
Grade 6	111,606	103,763	95,341	89,594	86,610	86,71
Grade 7	113,136	112,511	104,713	95,980	89,897	86,75
Grade 8	109,140	108,551	108,216	100,121	91,355	85,76
Grade 9	-	9	16	17	25	1
Grade 10	-	6	9	12	11	1
Special Education	27,025	27,352	27,887	27,859	27,703	28,38
Total	961,625	937,292	907,777	870,154	837,941	816,83
Increase over previous year (%)	−1.6	−2.5	−3.1	—4.1	-3.7	−2

1) As of the last school day in September.
2) Special Education for 1974 is included in enrolment by division and grade.

Source: Ministry of Education, *Education Statistics Ontario.*
Reports of the Minister of Education.

Table 6.7

Elementary and Secondary School Enrolment by Grade, Ontario, 1959-1980[1]

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
Elementary	1,081,649	1,126,388	1,163,053	1,197,029	1,233,164	1,278,473	1,320,043	1,364,871	1,405,052	1,430,590	1,456,117
Junior Kindergarten	-	-	-	-	-	-	-	3,284	3,826	5,020	7,666
Kindergarten	88,603	93,193	99,033	104,325	109,297	119,170	127,982	130,720	136,233	141,784	150,669
Primary	407,730	424,233	434,492	444,068	454,485	465,001	475,326	488,509	495,352	496,659	493,993
Junior	349,317	356,753	368,340	382,447	397,172	408,974	419,851	431,736	443,249	453,384	466,039
Grade 7	113,645	115,360	118,109	119,345	122,934	129,914	134,154	139,637	142,608	145,300	149,627
Grade 8	97,912	108,261	110,487	113,414	114,751	118,523	124,476	130,126	135,333	138,862	141,622
Grade 9	8,466	10,300	11,499	10,799	11,149	10,824	10,539	10,368	11,486	10,314	9,855
Grade 10	6,069	6,511	8,039	8,263	8,223	8,741	8,006	8,314	9,550	8,347	8,516
Special Education	9,907	11,777	13,054	14,368	15,153	17,326	19,709	22,177	27,415	30,920	28,100
Secondary	237,576	262,775	299,177	331,578	364,210	395,301	418,738	436,026	463,736	500,807	530,679
Pre-grade 9[4]	–	–	–	–	–	–	–	–	–		
Grade 9	76,598	88,607	100,988	103,866	103,526	105,899	110,997	117,582	124,067	131,082	135,420
Grade 10	60,829	64,783	76,290	86,012	90,817	93,453	96,299	100,710	108,789	117,425	122,181
Grade 11	45,552	47,833	52,681	61,733	70,302	77,922	80,710	83,963	88,988	98,585	105,836
Grade 12	34,792	38,697	42,266	46,776	55,731	64,418	67,282	70,625	75,214	82,371	90,956
Grade 13	16,267	18,447	21,482	23,750	26,262	32,770	37,692	35,007	36,472	40,087	43,569
Vocational Courses[2]	3,538	4,408	5,470	9,441	17,572	20,839	25,758	28,139	30,206	31,257	32,717
Grand Total	1,319,225	1,389,163	1,462,230	1,528,607	1,597,374	1,673,774	1,738,781	1,800,897	1,868,788	1,931,397	1,986,796

Table 6.7 (cont'd)

Elementary and Secondary School Enrolment by Grade, Ontario, 1959-1980[1]

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Elementary	1,465,488	1,456,840	1,445,101	1,422,885	1,404,839	1,389,478	1,360,085	1,329,396	1,290,337	1,258,761	1,240,274
Junior Kindergarten	12,689	17,543	31,907	38,038	42,284	43,807	41,856	42,817	44,271	45,950	48,037
Kindergarten	141,776	131,605	126,012	124,029	128,157	132,315	128,891	123,581	120,650	119,629	118,733
Primary	489,954	474,626	449,755	420,826	410,749	397,052	401,687	403,194	394,285	380,164	369,402
Junior	471,649	473,823	472,483	470,979	474,815	440,763	413,238	392,228	382,525	382,252	381,841
Grade 7	153,592	156,250	158,579	158,450	163,424	158,720	158,345	149,353	137,459	129,704	125,998
Grade 8	145,888	149,608	151,396	153,775	157,542	153,470	152,746	153,006	143,537	131,665	124,730
Grade 9	9,833	11,279	11,600	13,148	15,262	15,671	15,582	16,349	17,239	17,949	18,230
Grade 10	9,009	11,301	10,680	11,215	12,606	14,281	13,100	13,709	14,588	15,432	16,105
Special Education	31,098	30,805	32,689	32,425	...[3]	33,399	34,640	35,159	35,783	36,016	37,198
Secondary	556,913	574,520	583,013	585,725	589,650	605,160	613,055	613,830	611,668	600,084	586,261
Pre-grade 9[4]	-	-	-	-	-	-	-	4,583	4,466	3,265	2,925
Grade 9	153,826	157,433	162,781	165,235	161,775	163,004	162,319	158,602	155,385	147,360	135,499
Grade 10	139,961	141,939	143,459	143,939	145,651	148,141	148,633	148,279	147,651	146,380	138,480
Grade 11	116,116	121,750	125,417	126,596	127,541	131,692	135,241	134,460	134,936	134,853	135,983
Grade 12	98,837	101,733	100,644	99,854	103,609	108,182	111,349	113,742	116,070	115,933	119,726
Grade 13	48,173	51,665	50,712	50,101	51,074	54,141	55,513	54,164	53,160	52,293	53,648
Vocational Courses[2]	-	-	-	-	..	..	-	-			
Grand Total	2,022,401	2,031,360	2,028,114	2,008,610	1,994,489	1,994,638	1,973,140	1,943,226	1,902,005	1,858,845	1,826,535

1) As of the last school day in September

2) Commencing in 1970, enrolment in all secondary school courses was distributed in accordance with a wider definition of grade. Students were reported by grade or by years of schooling beyond Kindergarten or by credits or courses completed. The most apparent effect was the distribution of the vocational courses enrolment throughout the grades 9 to 12. In 1972 and 1973, those with 0-6 credits were reported in Grade 9, those with 7-13 credits in Grade 10, those with 14-20 credits in Grade 11 and those with 21-26 credits in Grade 12. Candidates registered for Honour Graduation Diploma courses were reported in Grade 13. From 1974 to 1976, students were enrolled by Grade of Registration. For Grades 9 to 11 inclusive, this was to reflect the students' year of attendance with the exception of total failure in any grade. For Grades 12 and 13 the students were entered in the grade in which they were registered. In 1977, a new classification – pre-grade 9 – was introduced. (For definition, see below). Grade 9 students are those who are in their first year of taking credit courses in secondary school. Students from Grades 10 and 11 are those based on either their year of attendance or as designated by the principal. Finally, Grades 12 and 13 students are those who could complete their SSGD or SSHGD respectively in the current school year. Students who have completed their SSGD and are taking a partial Grade 13 program are included in Grade 13.

3) Special Education for 1974 is included in enrolment by division and grade.

4) Pre-grade 9 students are those enrolled in special secondary school programs less than two years after leaving the junior division and who are taking course-work that does not lead to credit.

Source: Ministry of Education, *Education Statistics Ontario.*
Reports of the Ministry of Education.

Table 6.8
Private School Enrolment by Grade Level and Sex, Ontario, 1973-1980[1]

	1973			1974		
	Male	Female	Total	Male	Female	Total
Elementary	11,711	10,727	22,438	12,556	11,566	24,122
Junior Kindergarten	833	819	1,652	1,109	1,074	2,183
Kindergarten	622	556	1,178	798	738	1,536
Grade 1	1,147	976	2,123	1,171	1,067	2,238
Grade 2	1,114	1,006	2,120	1,140	1,067	2,207
Grade 3	1,112	1,083	2,195	1,170	1,081	2,251
Grade 4	1,230	1,149	2,379	1,200	1,148	2,348
Grade 5	1,247	1,182	2,429	1,338	1,284	2,622
Grade 6	1,233	1,254	2,487	1,355	1,277	2,632
Grade 7	1,475	1,268	2,743	1,477	1,424	2,901
Grade 8	1,446	1,288	2,734	1,517	1,309	2,826
Ungraded, Other[2]	252	146	398	281	97	378
Secondary	12,629	12,433	25,062	13,739	13,579	27,318
Grade 9	1,216	950	2,166	1,317	1,180	2,497
Grade 10	1,131	939	2,070	1,286	954	2,240
Grade 11	3,976	4,256	8,232	4,320	4,833	9,153
Grade 12	3,539	3,825	7,364	3,794	4,145	7,939
Grade 13	2,715	2,357	5,072	2,929	2,393	5,322
Ungraded, Commercial	8	72	80	12	12	24
Ungraded, Other[2]	44	34	78	81	62	143
Grand Total	24,340	23,160	47,500	26,295	25,145	51,440

Table 6.8 (cont'd)

	1975			1976		
	Male	Female	Total	Male	Female	Total
Elementary	12,785	12,064	24,849	13,203	12,449	25,652
Junior Kindergarten	1,013	1,008	2,021	1,053	974	2,027
Kindergarten	876	792	1,668	896	912	1,808
Grade 1	1,334	1,277	2,611	1,369	1,287	2,656
Grade 2	1,205	1,106	2,311	1,322	1,255	2,577
Grade 3	1,201	1,160	2,361	1,224	1,162	2,386
Grade 4	1,232	1,110	2,342	1,234	1,164	2,398
Grade 5	1,308	1,330	2,638	1,315	1,267	2,582
Grade 6	1,404	1,392	2,796	1,414	1,345	2,759
Grade 7	1,631	1,435	3,066	1,684	1,570	3,254
Grade 8	1,533	1,419	2,952	1,646	1,463	3,109
Ungraded, Other[2]	48	35	83	46	50	96
Secondary	14,923	14,868	29,791	16,200	16,827	33,027
Grade 9	1,384	1,197	2,581	1,455	1,345	2,800
Grade 10	1,325	1,142	2,467	1,386	1,194	2,580
Grade 11	4,765	5,217	9,982	5,441	6,150	11,591
Grade 12	4,139	4,668	8,807	4,489	5,104	9,593
Grade 13	3,249	2,607	5,856	3,368	3,011	6,379
Ungraded, Commercial	2	3	5	20	8	28
Ungraded, Other[2]	59	34	93	41	15	56
Grand Total	27,708	26,932	54,640	29,403	29,276	58,679

Table 6.8 (cont'd.)
Private School Enrolment by Grade Level and Sex, Ontario, 1973-1980[1]

	1977			1978		
	Male	Female	Total	Male	Female	Total
Elementary	13,674	12,771	26,445	14,458	13,081	27,539
Junior Kindergarten	1,062	1,060	2,122	1,155	1,023	2,178
Kindergarten	866	867	1,733	987	931	1,918
Grade 1	1,428	1,324	2,752	1,410	1,308	2,718
Grade 2	1,365	1,302	2,667	1,409	1,348	2,757
Grade 3	1,378	1,306	2,684	1,422	1,363	2,785
Grade 4	1,299	1,167	2,466	1,468	1,340	2,808
Grade 5	1,325	1,251	2,576	1,394	1,243	2,637
Grade 6	1,417	1,253	2,670	1,429	1,305	2,734
Grade 7	1,656	1,495	3,151	1,718	1,435	3,153
Grade 8	1,690	1,564	3,254	1,711	1,478	3,189
Ungraded, Other[2]	188	182	370	355	307	662
Secondary	17,078	17,727	34,805	17,924	18,685	36,609
Grade 9	1,586	1,345	2,931	1,624	1,433	3,057
Grade 10	1,410	1,278	2,688	1,417	1,279	2,696
Grade 11	5,390	6,387	11,777	5,672	6,587	12,259
Grade 12	4,992	5,656	10,648	5,126	5,988	11,114
Grade 13	3,595	2,974	6,569	3,987	3,314	7,301
Ungraded, Commercial	6	45	51	1	–	1
Ungraded, Other[2]	99	42	141	97	84	181
Grand Total	30,752	30,498	61,250	32,382	31,766	64,148

Table 6.8 (cont'd)

	1979			1980		
	Male	Female	Total	Male	Female	Total
Elementary	15,154	13,819	28,973	16,069	15,108	31,177
Junior Kindergarten	1,174	1,050	2,224	1,242	1,161	2,403
Kindergarten	1,160	1,043	2,203	1,409	1,422	2,831
Grade 1	1,539	1,416	2,955	1,652	1,570	3,222
Grade 2	1,447	1,353	2,800	1,503	1,479	2,982
Grade 3	1,432	1,427	2,859	1,486	1,428	2,914
Grade 4	1,485	1,409	2,894	1,450	1,529	2,979
Grade 5	1,537	1,424	2,961	1,627	1,501	3,128
Grade 6	1,481	1,349	2,830	1,661	1,561	3,222
Grade 7	1,699	1,492	3,191	1,755	1,502	3,257
Grade 8	1,749	1,460	3,209	1,746	1,569	3,315
Ungraded, Other[2]	451	396	847	538	386	924
Secondary	19,189	19,737	38,926	21,600	21,515	43,515
Grade 9	1,621	1,404	3,025	1,642	1,434	3,076
Grade 10	1,535	1,341	2,876	1,536	1,313	2,849
Grade 11	5,976	7,067	13,043	6,573	7,637	14,210
Grade 12	5,543	6,241	11,784	6,060	6,764	12,824
Grade 13	4,337	3,582	7,919	5,603	4,157	9,760
Ungraded, Commercial	–	–	–	–	–	–
Ungraded, Other[2]	177	102	279	186	210	396
Grand Total	34,343	33,556	67,899	37,669	36,623	74,292

1) As of the last day of school in September.
2) Elementary and secondary components have been estimated for 1978.

Source: Ministry of Education, *Education Statistics Ontario.*

Table 6.9
Roman Catholic Separate School Enrolment by Grade, Ontario, 1971-1980[1]

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Junior Kindergarten	6,706	11,501	15,571	18,716	20,288	20,579	21,636	23,229	25,146	26,164
Kindergarten	35,627	34,218	34,055	35,851	37,311	36,868	36,706	36,822	37,750	38,184
Grade 1	42,019	38,783	37,534	37,793	39,051	40,239	39,936	39,363	39,442	40,345
Grade 2	44,657	42,027	39,397	38,418	37,460	38,674	39,974	39,819	38,917	38,962
Grade 3	44,518	44,854	42,608	40,823	38,091	37,734	38,918	39,951	39,902	38,740
Grade 4	44,710	44,349	45,039	44,017	40,209	38,406	38,135	39,078	40,072	40,109
Grade 5	45,168	44,824	44,932	46,275	43,638	40,326	38,897	38,194	39,344	40,173
Grade 6	44,959	45,198	45,089	45,893	45,565	43,983	40,682	39,110	38,472	39,431
Grade 7	43,480	45,107	45,488	46,468	45,584	45,834	44,640	41,479	39,807	39,243
Grade 8	41,147	42,159	43,956	45,175	44,330	44,195	44,790	43,416	40,310	38,968
Grade 9	11,279	11,600	13,146	15,259	15,671	15,573	16,333	17,222	17,924	18,212
Grade 10	11,301	10,680	11,215	12,606	14,281	13,094	13,700	14,576	15,421	16,089
Special Education	6,566	6,866	6,187	...[2]	6,374	7,288	7,272	7,924	8,313	8,818
Total	422,137	422,166	424,217	427,294	427,853	422,793	421,619	420,183	420,820	423,438
Increase over previous year (%)	0.9	0.0	0.5	0.7	0.2	−1.2	−0.3	—0.3	0.1	0.6

1) As of the last day of school in September.
2) Special Education for 1974 is included in the enrolment by grade.

Source: Ministry of Education, *Education Statistics Ontario.*
Reports of the Minister of Education.

Table 6.10
Enrolment of French-Speaking Students in Secondary Schools, Ontario, 1969-1980

		Pre-grade	Grade				
	Total	9[1]	9	10	11	12	13
1969	21,590	-	7,181	5,832	4,082	3,325	1,170
1970	25,212	-	7,977	6,693	5,085	3,771	1,686
1971	28,018	-	8,770	7,326	5,608	4,449	1,665
1972	29,883	-	9,045	7,888	6,201	4,759	1,990
1973	30,243	-	8,807	7,788	6,679	5,033	1,936
1974	30,906	-	9,005	8,061	6,644	5,334	1,862
1975	31,392	-	8,704	8,300	6,874	5,612	1,902
1976[2]	31,510	-	8,590	8,105	7,110	5,740	1,965
1977[2]	30,636	225	7,984	7,824	6,853	5,892	1,858
1978[3]	30,520	213	7,869	7,767	6,943	5,921	1,807
1979[3]	29,555	203	7,338	7,332	6,825	6,110	1,747
1980[3]	28,001	63	6,070	7,066	6,853	6,098	1,851

1) Students who are enrolled in special secondary school programs less than two years after leaving the junior division and who are taking course-work that does not lead to credit.
2) In 1976 there were 24 French secondary schools with an enrollment of 21,456 students and 26 mixed schools with 10,054 students. In 1977 the numbers were 25 French schools, 21,621 students and 31 mixed schools with 9,015 students. For the breakdown for earlier years, please consult the appropriate Ministry of Education publication.
3) In 1978 there were 25 French secondary schools with an enrolment of 21,348 students and 35 mixed schools with 9,172 students. The numbers for 1979 were: 26 French schools with 21,109 students and 36 mixed schools with 8,446 French speaking students. The numbers for 1980 were: 28 French schools with 20,743 students and 36 mixed schools with 7,258 French speaking students.

Source: Ministry of Education, *Education Statistics, Ontario.*
Reports of the Minister of Education.

Table 6.11
English-Speaking Elementary School Pupils Enrolled in French Classes[1], Ontario, 1969-1980

	Public	Roman Catholic Separate	Total Elementary
1969	325,120	137,154	462,274
1970	363,573	150,599	514,172
1971	383,484	186,272	569,756
1972	394,435	202,391	596,826
1973	393,230	208,888	602,118
1974	399,668	213,474	613,142
1975	428,125	223,484	651,609
1976	425,214	227,560	652,774
1977	443,630	238,675	682,305
1978	441,556	249,556	691,112
1979	441,153	250,778	691,931
1980	441,361	254,252	695,613

1) Since 1973 only students taking 20 minutes or more of French per day are included.

Source: Ministry of Education, *Education Statistics, Ontario.*
Reports of the Minister of Education.

Table 6.12

Enrolment[1] of Registered Indians in Federal and Band Operated Schools by Grade, Canada and Ontario, Selected Years, 1955-56 to 1980-81

Canada	Grade													
	K	1	2	3	4	5	6	7	8	9	10	11	12 +	Special	Total
1955-56	-	8,859	4,654	4,205	3,550	2,905	2,233	1,532	1,010	286	154	106	77	-	29,571
1960-61	2,911	5,434	4,792	4,502	3,855	3,358	2,762	1,853	1,171	390	141	74	59	991	32,293
1965-66	3,093	5,461	4,772	4,331	3,881	3,477	2,644	1,914	1,289	383	203	92	38	462	32,040
1970-71	4,551	4,121	3,515	3,116	3,019	2,827	2,344	1,568	942	215	22	16	9	127	26,392
1971-72	4,985	3,905	3,581	3,113	2,910	2,813	2,462	1,638	1,086	372	44	15	9	142	27,075
1972-73	5,104	4,105	3,432	3,390	2,960	2,674	2,460	1,960	1,349	433	56	17	13	150	28,103
1973-74	6,187	4,460	3,794	3,613	3,485	2,978	2,875	2,162	1,808	630	203	46	9	303	32,553
1974-75	5,848	4,096	3,442	3,452	3,091	2,986	2,603	2,295	1,672	770	244	53	11	225	30,788
1975-76	5,883	4,191	3,821	3,524	3,270	2,960	2,812	2,284	1,765	906	426	135	69	377	32,423
1976-77	6,248	4,208	3,695	3,643	3,354	3,004	2,807	2,433	1,774	871	569	212	119	415	33,352
1977-78	6,608	4,277	3,917	3,587	3,532	3,210	2,973	2,506	2,024	976	600	288	169	384	35,051
1978-79	6,239	4,087	3,564	3,545	3,371	3,167	2,968	2,531	2,039	1,146	722	407	216	399	34,401
1979-80	6,032	3,963	3,535	3,338	3,389	3,107	3,019	2,473	2,185	1,232	724	393	198	465	34,053
1980-81	6,178	4,010	3,390	3,461	3,403	3,181	2,976	2,552	2,051	1,270	705	411	268	602	34,348

Ontario	Grade													
	K	1	2	3	4	5	6	7	8	9	10	11	12 +	Special	Total
1955-56	-	2,029	1,019	861	772	593	539	405	330	105	63	45	31	-	6,792
1960-61	565	1,126	1,011	937	833	682	611	452	318	73	17	-	-	433	7,058
1965-66	684	1,169	990	961	832	666	530	388	299	40	15	12	-	126	6,712
1970-71	810	1,023	883	829	729	670	710	496	258	5	-	-	-	41	6,454
1971-72	878	972	951	807	739	655	630	523	403	27	-	-	-	56	6,641
1972-73	938	916	824	790	706	693	637	535	471	41	19	-	-	70	6,640
1973-74	1,248	907	869	832	740	688	711	566	509	40	16	-	-	98	7,224
1974-75	1,270	905	821	845	826	751	720	640	505	62	28	6	-	63	7,442
1975-76	1,206	905	849	803	782	770	713	640	579	64	24	-	-	56	7,391
1976-77	1,192	851	759	785	776	668	719	602	543	47	29	7	6	178	7,162
1977-78	1,152	935	886	759	808	753	722	616	570	67	24	5	-	132	7,429
1978-79	1,137	939	873	886	783	772	728	634	553	69	31	5	2	56	7,468
1979-80	1,087	878	845	794	846	740	693	608	567	108	45	8	1	59	7,279
1980-81	1,125	913	776	806	776	765	675	573	560	103	28	14	4	71	7,189

1) Includes enrolment of a few non-Indian students residing on Indian Reserves.

Source: Department of Indian Affairs and Northern Development, Indian and Inuit Affairs Program, Statistics Division.

Table 6.13
Enrolment of Registered Indians in Provincial[1] and Private Schools by Grade, Canada and Ontario, Selected Years, 1955-56 to 1980-81

Canada	Grade K	1	2	3	4	5	6	7	8	9	10	11	12+	Special	Total
1955-56	-	676	505	434	440	379	379	405	316	456	305	167	102	90	4,654
1960-61	-	1,212	862	899	892	873	871	897	762	896	547	341	221	105	9,378
1965-66	445	2,819	2,306	2,189	2,020	2,118	2,040	1,978	1,806	2,053	1,189	672	497	498	22,630
1970-71	2,285	4,483	3,785	3,740	3,542	3,400	3,491	3,894	3,378	3,509	2,628	1,477	997	1,448	42,057
1971-72	2,722	4,465	4,024	3,728	3,628	3,589	3,361	3,782	3,575	3,671	2,806	1,666	1,031	1,338	43,386
1972-73	2,706	4,325	3,729	3,785	3,562	3,564	3,530	3,756	3,500	3,786	2,854	1,752	1,063	1,124	43,036
1973-74	2,673	3,781	3,503	3,319	3,389	3,202	3,233	3,498	3,422	3,563	2,869	1,746	1,176	1,043	40,417
1974-75	3,425	4,191	3,350	3,451	3,409	3,510	3,160	3,779	3,242	3,492	2,708	1,721	981	1,042	41,461
1975-76	2,699	3,595	3,329	3,097	3,163	3,333	3,279	3,444	3,423	3,351	2,789	1,803	1,110	979	39,394
1976-77	2,420	3,635	3,163	3,026	2,918	3,060	3,109	3,557	3,206	3,426	2,673	1,744	1,063	1,365	38,365
1977-78	2,446	3,945	3,599	3,433	3,449	3,392	3,416	4,073	3,842	3,805	2,943	2,011	1,314	1,369	43,037
1978-79	3,011	4,379	3,988	3,833	3,804	3,779	3,690	4,240	4,087	3,999	3,084	2,071	1,327	1,666	46,958
1979-80	2,843	4,192	3,912	4,084	3,835	3,828	3,772	4,430	4,015	3,942	3,241	2,142	1,440	1,508	47,184
1980-81	3,237	4,209	3,815	3,841	3,955	3,840	3,758	4,387	3,950	4,082	3,471	2,355	1,508	1,936	48,344

Ontario	Grade K	1	2	3	4	5	6	7	8	9	10	11	12+	Special	Total
1955-56	-	200	110	104	113	76	78	77	80	152	108	55	50	38	1,241
1960-61	-	206	173	167	156	192	184	170	141	293	162	93	78	51	2,066
1965-66	128	442	457	453	445	454	434	453	398	637	392	208	168	64	5,133
1970-71	335	498	426	553	519	530	552	617	562	1,016	741	356	330	388	7,423
1971-72	315	451	476	452	556	522	506	634	512	1,098	733	412	345	347	7,359
1972-73	373	557	516	584	529	588	539	633	512	1,104	853	504	323	212	7,827
1973-74	322	403	540	462	540	467	580	568	515	1,049	853	528	407	170	7,404
1974-75	451	437	422	466	502	487	474	600	503	1,122	785	494	365	193	7,301
1975-76	382	380	424	416	450	520	520	478	526	988	813	527	430	182	7,036
1976-77	318	373	373	340	338	435	421	503	441	1,029	737	520	360	194	6,382
1977-78	335	439	407	420	389	409	492	573	513	1,163	882	536	477	214	7,249
1978-79	265	339	369	382	369	362	389	553	484	1,072	844	586	475	219	6,708
1979-80	310	348	327	384	386	391	391	494	485	1,010	883	603	501	163	6,676
1980-81	318	320	313	334	380	357	392	462	446	992	820	629	507	155	6,425

1) See the definition of publicly supported schools.

Source: Department of Indian Affairs and Northern Development, Indian and Inuit Affairs Program, Statistics Division.

Table 6.14
Enrolment in Schools for the Blind, Canada and Ontario[1], 1974-75 to 1979-80

	Total[2]	Male	Female	Partially Blind	With Multiple Handicaps	Pre-School Program Enrolment
1974-75						
Canada	592	327	265	287	240	6
Ontario	215	115	100	70	114	-
1975-76						
Canada	551	312	239	236	218	5
Ontario	207	114	93	65	125	-
1976-77						
Canada	516	287	229	219	252	2
Ontario	214	120	94	85	134	-
1977-78						
Canada	492	275	217	220	198	6
Ontario[2]	215	119	96	85	128	-
1978-79						
Canada	464	267	197	..	..	..
Ontario	220	130	90	..	..	..
1979-80						
Canada	476	269	207	..	..	..
Ontario	229	133	96	..	..	..

1) Ontario figures are those of W. Ross MacDonald School, Brantford, Ontario.
2) The total number of enrolments is not equal to the breakdown of enrolment into different types of handicaps included on the right hand side of the table.

Source: SC, *Enrolment and Staff in Schools for the Blind and the Deaf.*

Table 6.15
Enrolment in Schools for the Deaf, Canada and Ontario, 1974-75 to 1979-80

	Total[1]	Male	Female	Partially Deaf	With Multiple Handicaps	Pre-School Program Enrolment
1974-75						
Canada	3,292	1,821	1,471	576	636	352
Ontario	1,162	655	507	180	318	101
1975-76						
Canada	3,232	1,818	1,414	578	586	319
Ontario[2]	1,142	651	491	127	251	82
1976-77						
Canada	3,167	1,774	1,393	478	626	331
Ontario	1,095	619	476	87	357	108
1977-78						
Canada	2,923	1,669	1,254	427	659	309
Ontario	1,021	586	435	69	381	96
1978-79						
Canada	2,941	1,659	1,282	..	..	..
Ontario	997	571	426	..	..	..
1979-80						
Canada	2,852	1,624	1,228	..	..	..
Ontario	969	565	404	..	..	..

1) The total number of enrolments is not equal to the breakdown of enrolment into different types of handicaps included on the right hand side of the table.
2) Includes data for Metropolitan School for the Deaf and Clairlea School for the Deaf which in Table 6.1 are included in Public Schools.

Source: SC, *Enrolment and Staff in Schools for the Blind and the Deaf.*

Table 6.16
Enrolment[1] in French as Second Language, Canada and Ontario, 1972-73 to 1979-80

		Canada[2]	Ontario
1972-73	Elementary	816,521	596,729
	Secondary	653,681	218,187
	Total	1,470,202	814,916
1973-74	Elementary	839,271	596,920
	Secondary	613,775	202,729
	Total	1,453,046	799,649
1974-75	Elementary	873,270	609,562
	Secondary	589,709	189,426
	Total	1,462,979	798,988
1975-76	Elementary	888,271	622,520
	Secondary	608,193	214,073
	Total	1,496,464	836,593
1976-77	Elementary	886,109	621,305
	Secondary	606,081	218,516
	Total	1,492,190	839,821
1977-78	Elementary	926,339	650,136
	Secondary	592,626	220,369
	Total	1,518,965	870,505
1978-79	Elementary	949,670	655,198
	Secondary	603,932	226,595
	Total	1,553,602	881,793
1979-80	Elementary	951,503	654,767
	Secondary	582,186	215,771
	Total	1,533,689	870,538

1) Public schools only.
2) Total for nine provinces, excluding Québec, where English is the Second Language.

Source: SC, Education, Science and Culture Division.

Table 6.17
Adult Training[1] Enrolment at Colleges of Applied Arts and Technology, Ontario, 1973-1981

	Adult Training, Full-Time	Adult Training, Part-Time	Training in Business and Industry	Management Development Program[1]
1973	16,143	2,084	5,106	8,835
1974	16,340	4,264	3,969	10,973
1975	18,168	4,668	4,133	11,835
1976	19,237	3,026	4,043	10,056
1977	18,011	2,197	3,675	11,227
1978	16,793	2,153	3,632	9,023[2]
1979	16,779	1,907	3,641	10,754
1980	20,112[3]	2,535[4]	2,761	13,989
1981	20,365[5]	2,510[6]	3,553	15,372

1) These programs run on a continuous intake basis. The figures shown here represent the number of persons active in these programs at the end of each fiscal year (March 31), except for Management Development Program where figures represent accumulated registrations in the fiscal year (April-March).
2) Excludes college-prepared courses.
3) Includes 5,608 fee payers.
4) Includes 1,982 fee payers.
5) Includes 6,275 fee payers.
6) Includes 1,876 fee payers.

Source: Ministry of Education, College Affairs Branch.

Table 6.18
Industrial Training Branch Major Program Statistics, Ontario, 1972-73 to 1980-81

	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81
Apprenticeship Program:									
New Contract Registrations	7,719[r]	8,429	9,556	9,235	9,722	9,818	9,909	10,709	11,011
Completions	3,685	4,238[r]	3,850[r]	4,485[r]	4,775[r]	4,976[r]	5,818	5,422	3,823
Cancellations	3,050[r]	3,668[r]	3,043[r]	3,032[r]	3,826[r]	2,563[r]	3,558	4,285	1,994
Year-end Active Apprentices	21,283[r]	21,832[r]	24,497[r]	26,215[r]	27,336[r]	29,615[r]	30,148	31,150	36,344
Full-time School Enrolment[1]	10,552	10,994	12,178	13,288	15,351	16,023	15,811[2]	16,248[3]	15,961[4]
Certification Program:									
Initial Certificates	18,990	15,557	12,776	9,961	9,089	9,400	10,044	16,259	20,716
Renewals Issued	66,733	59,864	65,025	64,973	67,310	66,478	70,657	69,986	58,583
Year-end Certificate Holders	157,371	168,582	177,489	183,227	188,212	193,263	197,794	209,560[r]	206,853

1) All figures cover five intakes each year – April, September, October, January, and February.
2) Consisting of 5 intakes as follows: 1978 – April intake, 2,907, September intake 3,199, October intake 2,981.
1979 – January intake 3,616, February intake 3,108.
3) Consisting of 5 intakes as follows: 1979 – April intake 2,845, September intake 3,218 October intake 3,153.
1980 – January intake 3,777, March intake 3,255.
4) Consisting of 5 intakes as follows: 1980 – April intake 2,828, September intake 3,114, October intake 3,096.
1981 – January intake 3,729, March intake 3,194.

Source: Ministry of Colleges and Universities, Manpower Training Branch.

Table 6.19
University Enrolment, by Sex, Canada and Ontario, 1974-75 to 1979-80

Canada		1974-75	1975-76	1976-77	1977-78[r]	1978-79	1979-80[p]
Full-time Undergraduate[1]	M	182,051	190,410	189,141	185,437	179,976	179,993
	F	127,120	140,127	146,725	148,063	146,842	149,921
	T	309,171	330,537	335,866	333,500	326,818	329,914
Full-time Graduate	M	27,481	28,242	28,205	27,713	27,448	26,774
	F	10,334	11,637	12,435	12,972	13,707	14,671
	T	37,815	39,879	40,640	40,685	41,155	41,445
Total Full-time	M	209,532	218,652	217,346	213,150	207,424	206,767
	F	137,454	151,764	159,160	161,035	160,549	164,592
	T	346,986	370,416	376,506	374,185	367,973	371,359
Part-time Undergraduate[1]	M	65,997	72,287	71,030	76,966	77,475	80,781
	F	79,792[2]	86,007	92,242	106,095	109,216	118,471
	T	145,789	158,294	163,272	183,061	186,691	199,252
Part-time Graduate	M	17,424	18,878	18,690	18,658	18,956	19,299
	F	7,036	8,082	8,995	9,973	10,694	11,315
	T	24,460	26,960	27,685	28,631	29,650	30,614
Total Part-time	M	83,421	91,165	89,720	95,624	96,431	100,080
	F	86,828	94,089	101,237	116,068	119,910	129,786
	T	170,249	185,254	190,957	211,692	216,341	229,866
Total Undergraduate[1]	M	248,048	262,697	260,171	262,403	257,451	260,774
	F	206,912	226,134	238,967	254,158	256,058	268,392
	T	454,960	488,831	499,138	516,561	513,509	529,166
Total Graduate	M	44,905	47,120	46,895	46,371	46,404	46,073
	F	17,370	19,719	21,430	22,945	24,401	25,986
	T	62,275	66.839	68,325	69,316	70,805	72,059
Grand Total	M	292,953	309,817	307,066	308,774	303,855	306,847
	F	224,282	245,853	260,397	277,103	280,459	294,378
	T	517,235	555,670	567,463	585,877	584,314	601,225
		Number of university students enrolled for a non-university type diploma[3]					
Full-time Non-university Level	M	1,375	1,558	1,625	1,560	1,405	1,337
	F	641	565	440	435	397	419
	T	2,016	2,123	2,065	1,995	1,802	1,756
Part-time Non-university Level	M	1,037	470	847	1,366	1,035	1,059
	F	1,234	974	1,179	2,283	1,199	1,477
	T	5,537	1,444	2,026	3,649	2,234	2,536

Table 6.19 (cont'd.)
University Enrolment, by Sex, Canada and Ontario, 1974-75 to 1979-80

Ontario		1974-75	1975-76	1976-77	1977-78[r]	1978-79	1979-80[p]
Full-time Undergraduate	M	78,664	81,387	81,520	78,294	75,380	75,581
	F	54,703	60,454	64,331	63,172	61,402	61,746
	T	133,367	141,841	145,851	141,466	136,782	137,327
Full-time Graduate	M	12,124	12,647	12,671	12,166	11,830	11,204
	F	4,643	5,213	5,463	5,590	5,784	6,073
	T	16,767	17,860	18,134	17,756	17,614	17,277
Total Full-time	M	90,788	94,034	91,191	90,460	87,210	86,785
	F	59,346	65,667	69,794	68,762	67,186	67,819
	T	150,134	159,701	163,985	159,222	154,396	154,604
Part-time Undergraduate	M	25,423	26,907	24,833	27,770	27,907	29,235
	F	32,498	35,208	35,933	38,859	40,051	43,142
	T	57,921	62,115	60,766	66,629	67,958	72,377
Part-time Graduate	M	8,214	8,828	8,700	8,266	7,906	7,781
	F	2,651	3,145	3,768	4,110	4,272	4,342
	T	10,865	11,973	12,468	12,376	12,178	12,123
Total Part-time	M	33,637	35,735	33,533	36,036	35,813	37,016
	F	35,149	38,353	39,701	42,969	44,323	47,484
	T	68,786	74,088	73,234	79,005	80,136	84,500
Total Undergraduate	M	104,087	108,294	106,353	106,064	103,287	104,816
	F	87,201	95,662	100,264	102,031	101,453	104,888
	T	191,288	203,956	206,617	208,095	204,740	209,704
Total Graduate	M	20,338	21,475	21,371	20,432	19,736	18,985
	F	7,294	8,358	9,231	9,700	10,056	10,415
	T	27,632	29,833	30,602	30,132	29,792	29,400
Grand Total	M	124,425	129,769	127,724	126,496	123,023	123,801
	F	94,495	104,020	109,495	111,731	111,509	115,303
	T	218,920	233,789	237,219	238,227	234,532	239,104
		Number of university students enrolled for a non-university type diploma					
Full-time Non-university Level[3]	M	768	763	746	728	678	645
	F	269	129	154	149	155	198
	T	1,037	892	900	877	833	843
Part-time Non-university Level	M	191	32	19	19	49	29
	F	245	41	26	29	63	29
	T	436	73	45	48	112	58

1) Excludes university transfer and CEGEP academic students, but includes students enrolled for a non-university type diploma.
2) Included with the full-time undergraduate and part-time undergraduate figures.
3) Includes Ryerson Polytechnical Institute. In 1971-72 this institute became a degree granting institution but not all its students should be classified at the university level.

Source: SC, *Education, Science and Culture Division.*

Table 6.20
Total Enrolment at University by Institution, Ontario, 1979 and 1980[1]

	Undergraduate[2]			Graduate[3]		
1979	Full-time Degree	Part-time	Total	Full-time	Part-time	Total
Brock	2,118	2,483	4,601	49	426	475
Carleton	7,326	4,973	12,299	951	818	1,769
Guelph	8,549	1,135	9,684	646	129	775
Lakehead	2,413	1,352	3,765	113	123	236
Laurentian	2,550	3,713	6,263	65	180	245
McMaster	8,770	2,793	11,563	1,129	785	1,914
Ottawa	10,547	5,561	16,108	1,276	1,614	2,890
Queen's	9,287	3,021	12,308	1,056	466	1,522
Toronto	28,489	11,020	39,509	4,784	4,095	8,879
Trent	2,100	1,267	3,367	33	8	41
Waterloo	13,234	4,455	17,689	1,101	601	1,702
Western	14,775	4,347	19,122	1,660	776	2,436
Wilfrid Laurier	3,223	2,461	5,684	246	207	453
Windsor	5,618	3,646	9,264	576	545	1,121
York	10,143	10,031	20,174	1,253	1,268	2,521
Dominican	52	170	222	14	9	23
Sub-total	129,194	62,428	191,622	14,952	12,050	27,002
O.C.A.	1,269	1,298	2,567	–	–	–
Ryerson	9,200	9,357	18,557	–	–	–
Total	139,663	73,083	212,746	14,952	12,050	27,002

able 6.20 (cont'd.)
otal Enrolment at University by Institution, Ontario, 1979 and 1980[1]

	Undergraduate[2]			Graduate[3]		
980	Full-time Degree	Part-time	Total	Full-time	Part-time	Total
rock	2,253	3,097	5,350	44	405	449
arleton	7,508	4,711	12,219	920	830	1,750
uelph	8,715	1,284	9,999	671	143	814
akehead	2,562	1,206	3,768	125	136	261
aurentian	2,535	3,867	6,402	88	198	286
cMaster	8,820	2,755	11,575	1,087	816	1,903
ttawa	10,423	5,467	15,890	1,292	1,644	2,936
ueen's	9,894	2,874	12,768	1,106	456	1,562
oronto	29,069	11,423	40,492	4,869	4,026	8,895
rent	2,154	1,137	3,291	28	7	35
aterloo	14,136	5,093	19,229	1,151	540	1,691
estern	16,054	5,269	21,323	1,681	766	2,447
ilfrid Laurier	3,634	2,545	6,179	254	225	479
indsor	6,173	3,468	9,641	612	479	1,091
ork	10,495	11,075	21,570	1,328	1,395	2,723
ominican	56	128	184	10	14	24
ub-total	134,481	65,399	199,880	15,266	12,080	27,346
.C.A.	1,319	1,390	2,709	—	—	—
yerson	9,175	9,648	18,823	—	—	—
otal	144,975	76,437	221,412	15,266	12,080	27,346

) Enrolment in fall term.
) Includes students in non-university type programs.
) Ottawa includes affiliates, St. Paul and St. Augustine.
) In 1978, Regis College became affiliated with the University of Toronto and its enrolment is now reported under that institution, 1977 data has been adjusted to reflect this inclusion. Also all Toronto figures include OISE.
) Figures shown for Dominican College include only students on the Ontario campus of this Institution.

ource: Ministry of Education, University Student Information System (USIS)

Table 6.21
Full-Time Graduate Enrolment by Field of Study and Sex, Canada and Ontario, 1977-78 to 1979-80

		1977–78		1978-79		1979-80[p]	
		Canada	Ontario	Canada	Ontario	Canada	Ontario
Agricultural and Biological Sciences	M	2,109	756	1,993	704	1,981	707
	F	869	331	896	325	968	388
	T	2,978	1,087	2,889	1,029	2,949	1,095
Education	M	1,948	458	1,874	454	1,767	418
	F	1,860	583	1,897	579	2,125	672
	T	3,808	1,041	3,771	1,033	3,892	1,090
Engineering and Applied Sciences	M	3,197	1,430	3,065	1,311	2,941	1,187
	F	257	95	260	110	294	113
	T	3,454	1,525	3,325	1,421	3,235	1,300
Fine and Applied Arts	M	342	109	372	113	394	122
	F	370	144	418	133	452	135
	T	712	253	790	246	846	257
Health Professions and Occupations	M	4,204	2,009	4,495	2,081	4,539	2,124
	F	1,718	766	2,032	878	2,332	1,035
	T	5,922	2,775	6,527	2,959	6,871	3,159
Humanities and Related Arts	M	3,954	1,935	3,798	1,897	3,505	1,535
	F	3,123	1,392	3,148	1,401	3,267	1,324
	T	7,077	3,327	6,946	3,298	6,772	2,859
Mathematics and the Physical Sciences	M	3,167	1,408	3,037	1,305	3,088	1,336
	F	553	239	516	216	544	222
	T	3,720	1,647	3,553	1,521	3,632	1,558
Social Sciences and Related Studies	M	8,525	3,964	8,524	3,871	8,336	3,677
	F	4,112	1,994	4,424	2,111	4,600	2,146
	T	12,637	5,958	12,948	5,982	12,936	5,823
Unclassified by Program	M	267	97	290	94	223	98
	F	110	46	116	31	89	38
	T	377	143	406	125	312	136
Total	M	27,713	12,166	27,448	11,830	26,774	11,204
	F	12,972	5,590	13,707	5,784	14,671	6,073
	T	40,685	17,756	41,155	17,614	41,445	17,277

Source: SC, *Education, Science and Culture Division.*

Table 6.22
Full-Time Graduate Enrolment by Field of Study and Sex, Canada and Ontario, 1977-78 to 1979-80

		1977–78		1978-79		1979-80[p]	
		Canada	Ontario	Canada	Ontario	Canada	Ontario
Agricultural and Biological Sciences	M	518	168	485	142	440	132
	F	221	59	223	54	242	59
	T	739	227	708	196	682	191
Education	M	4,822	2,050	4,786	1,841	4,645	1,770
	F	3,839	1,554	4,290	1,627	4,585	1,704
	T	8,661	3,604	9,076	3,468	9,230	3,474
Engineering and Applied Sciences	M	2,160	1,054	2,027	989	2,278	1,031
	F	129	55	134	48	160	58
	T	2,289	1,109	2,161	1,037	2,438	1,089
Fine and Applied Arts	M	90	38	108	33	119	33
	F	141	41	172	51	183	63
	T	231	79	280	84	302	96
Health Professions and Occupations	M	297	127	329	147	350	186
	F	427	211	414	195	414	216
	T	724	338	743	342	764	402
Humanities and Related Arts	M	2,222	1,007	2,177	1,018	2,070	930
	F	1,880	853	1,916	925	1,912	813
	T	4,102	1,860	4,093	1,943	3,982	1,743
Mathematics and the Physical Sciences	M	1,000	395	1,006	398	1,025	403
	F	186	71	201	85	197	78
	T	1,186	466	1,207	483	1,222	481
Social Sciences and Related Studies	M	6,561	3,071	6,960	2,978	7,436	3,001
	F	2,650	1,069	2,843	1,103	3,087	1,177
	T	9,211	4,140	9,803	4,081	10,523	4,178
Unclassified by Program	M	988	356	1,078	360	936	295
	F	500	197	501	184	535	174
	T	1,488	553	1,579	544	1,471	469
Total	M	18,658	8,266	128,956	7,906	19,299	7,781
	F	9,973	4,110	10,694	4,272	11,315	4,342
	T	28,631	12,376	29,650	12,178	30,614	12,123

Source: SC, *Education, Science and Culture Division.*

Table 6.23
Diplomas and Certificates Awarded by Community Colleges and Related Institutions, by Type of Institution and Sex, Canada and Ontario, 1967-68 to 1978-79

	Total			Career Programs			University Transfer Programs		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
1967–68									
Canada	9,723	17,694	27,417	9,723	17,694	27,417	–	–	–
Ontario	3,757	8,266	12,023	3,757	8,266	12,023	–	–	–
1968–69									
Canada	14,415	20,391	34,806	12,472	19,550	32,022	1,943	841	2,784
Ontario	6,101	9,841	15,942	6,101	9,841	15,942	–	–	–
1969–70									
Canada	15,870	22,762	38,632	12,070	20,062	32,132	3,800	2,700	6,500
Ontario	6,428	10,703	17,131	6,428	10,703	17,131	–	–	–
1970–71									
Canada	16,823	24,735	41,558	12,093	20,845	32,938	4,730	3,890	8,620
Ontario	6,967	12,715	19,682	6,967	12,715	19,682	–	–	–
1971–72									
Canada	19,953	25,361	45,314	13,156	20,079	33,235	6,797	5,282	12,079
Ontario	6,427	10,169	16,596	6,427	10,169	16,596	–	–	–
1972–73									
Canada	22,102	26,708	48,810	14,623	20,861	35,484	7,479	5,847	13,326
Ontario	6,802	10,580	17,382	6,802	10,580	17,382	–	–	–
1973–74									
Canada	23,122	27,804	50,926	15,005	21,222	36,227	8,117	6,582	14,699
Ontario	6,765	9,700	16,465	6,765	9,700	16,465	–	–	–
1974–75									
Canada	23,477	29,475	52,952	14,405	21,467	35,872	9,072	8,008	17,080
Ontario	6,083	9,319	15,402	6,083	9,319	15,402	–	–	–
1975–76									
Canada	23,905	30,214	54,119	14,857	22,389	37,246	9,048	7,825	16,873
Ontario	6,546	9,955	16,501	6,546	9,955	16,501	–	–	–
1976–77									
Canada	25,872	33,061	58,933	15,482	23,926	39,408	10,390	9,135	19,525
Ontario	6,856	10,728	17,584	6,856	10,728	17,584	–	–	–
1977-78									
Canada	28,597 r	36,096 r	64,693 r	16,836 r	25,283 r	42,119 r	11,761 r	10,813	22,574 r
Ontario	7,085	10,475	17,560	7,085	10,475	17,560	–	–	–
1978-79									
Canada	31,592	39,126	70,718	18,092	26,226	44,318	13,500	12,900	26,400
Ontario	7,468	10,867	18,335	7,468	10,867	18,335	–	–	–

Source: SC, Education, Science and Culture Division.

Table 6.24
Secondary School Student Certificates and Diplomas, Ontario, 1974-1980

	1974	1975	1976	1977	1978	1979	1980
Certificate of Training[1]	5,788	5,021	4,889	5,175	5,598	5,330	5,708
Graduation Diploma							
Secondary Schools	85,164	86,690	90,891	92,151	93,137	98,248	97,779
Private Schools	6,687	7,565	7,478	8,641	9,704	9,721	10,085
Honours Graduation Diploma							
Secondary Schools	36,124	35,948	36,868	37,495	36,370	35,864	36,112
Private Schools	4,586	4,912	5,355	5,633	5,806	6,386	7,234

1) Issued to students who have successfully completed a secondary school program of occupational education of one, two or three years duration.

Source: Ministry of Education, *Education Statistics, Ontario.*
Reports of the Minister of Education.

Table 6.25
Teacher Graduates by Faculty, Grade and Division, Ontario, 1980[1]

Faculty	K-6 Primary/ Junior	4-8 Junior/ Intermediate (elementary)	K-10 Primary/ Junior/ Intermediate	4-10 Junior/ Intermediate	7-13 Intermediate/ Senior	Techno-logical Studies	Total[3]	Special Education	TFSL[2]
Brock	92	. . .	. . .	90	24	. . .	206	83	24
Lakehead	40	. . .	. . .	16	24	. . .	80	4	8
Laurentian (French)	23	19	. . .	13	. . .	. . .	55	21	2
Nipissing	40	. . .	. . .	44	. . .	. . .	84	59	16
Ottawa (English)	74	. . .	. . .	49	12	. . .	135	57	29
Ottawa (French)	52	. . .	16	–	71	. . .	139	31	59
Queens	147	. . .	. . .	96	208	15	466	170	31
Toronto	282	. . .	. . .	235	553	76	1,146	129	94
Western	244	. . .	. . .	37	267	39	587	44	50
Windsor	57	. . .	. . .	32	48	. . .	137	35	19
York	–	–	115	–	33	. . .	148	61	17
Total	1,051	19	131	612	1,240	130	3,183	694	349

1) As of June.
2) Teaching French as a Second Language.
3) The faculty totals, as well as distribution by grade and division, include Special Education and TFSL.

Source: Ministry of Education, *Education Statistics, Ontario.*
Reports of the Minister of Education.

Table 6.26
Graduates of Colleges of Applied Arts and Technology, Ontario, 1972-73 to 1979-80

	Applied Arts	Business	Technology	Health	Other	Total
1972-73	2,788	3,028	2,681	538	306	9,341
1973-74	3,531	3,508	2,876	2,454	399	12,768
1974-75	4,042	3,950	3,062	4,540	637	16,231
1975-76	4,524	3,969	3,322	4,691	772	17,278
1976-77	4,564	4,916	3,698	4,552	...	17,730
1977-78	4,766	5,264	3,668	4,111	...	17,809
1978-79	4,938	5,965	4,125	3,924	...	18,952
1979-80	5,331	7,072	4,433	4,049	...	20,885

Source: Ministry of Education, Information Resources Branch, *Graduate Placement Report*.

Table 6.27
University Degrees Awarded by Sex, Canada and Ontario, 1972 to 1981[1]

	Bachelor's and First Professional Degrees			Master's Degrees			Doctoral Degrees[2]		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
1972									
Canada	43,973[r]	28,591[r]	72,564[r]	7,715[r]	2,543[r]	10,258[r]	1,564	160	1,724
Ontario	17,519	10,532	28,051	4,187	1,301	5,488	772	79	851
1973									
Canada	42,565	28,099	70,664[3]	7,778[r]	2,852[r]	10,630[r]	1,712	217	1,929
Ontario	18,032	11,702	29,734	3,849	1,533	5,382	813	97	910
1974									
Canada	43,784	31,067	74,851	7,426	2,770	10,196	1,662	234	1,896
Ontario	18,364	13,322	31,686	3,853	1,428	5,281	800	134	934
1975									
Canada	44,937	35,800	80,737	7,950	3,118	11,068	1,544	296	1,840
Ontario	19,771	16,742	36,513	4,271	1,589	5,860	774	132	906
1976									
Canada	44,740	38,536	83,276	8,030	3,525	11,555	1,375	318	1,693
Ontario	20,150	18,761	38,911	4,297	1,790	6,087	716	163	879
1977									
Canada	45,699	41,657	87,356	8,498	3,877	12,375	1,396	306	1,702
Ontario	20,128	20,150	40,278	4,408	2,007	6,415	691	184	875
1978									
Canada[r]	46,011	43,271	89,282	8,486	4,151	12,637	1,488	331	1,819
Ontario	19,536	20,178	39,714	4,185	2,063	6,248	752	156	908
1979[r]									
Canada	44,302	42,828	87,130	7,903	4,448	12,351	1,434	369	1,803
Ontario	18,522	19,219	37,741	3,923	2,182	6,105	748	184	932
1980[p]									
Canada	44,230	42,750	86,980	7,830	4,460	12,290	1,395	390	1,785
Ontario	18,100	18,900	37,000	3,860	2,170	6,030	705	190	895
1981[4]									
Canada	43,020	41,570	84,590	7,745	4,515	12,260	1,390	395	1,785
Ontario	17,800	18,500	36,300	3,740	2,190	5,930	700	190	890

1) Academic years ending 1972 and 1973; calendar years thereafter.
2) Degrees refer to earned doctorates.
3) Decline is due to the introduction of CEGEP system in the latter part of the sixties.
4) Projections

Source: SC, Education, Science, and Culture Division.

Table 6.28
Schools, Teachers and Enrolment in French-Language Elementary Schools, Ontario, 1960-1980[1]

	Public			Roman Catholic Separate			Total Elementary		
	Schools	Full-time Teachers	Enrol-ment	Schools	Full-time Teachers	Enrol-ment	Schools	Full-time Teachers	Enrol-ment
1960	58	142	3,673	509	2,651	80,312	567	2,793	83,985
1961	52	139	3,579	505	2,753	82,568	557	2,892	86,147
1962	41	127	3,186	491	2,833	84,841	532	2,960	88,027
1963	39	123	3,088	461	2,908	85,450	500	3,031	88,538
1964	30	107	2,700	443	3,049	87,610	473	3,156	90,310
1965	16	90	2,354	409	3,136	88,241	425	3,226	90,595
1966	14	92	2,455	389	3,595	90,771	403	3,687	93,226
1967	13	91	2,459	372	3,760	92,145	385	3,851	94,604
1968	11	89	2,336	335	3,490	87,858	346	3,579	90,194
1969	9	89	2,354	320	3,679	88,043	329	3,768	90,397
1970	9	92	2,236	324	3,682	87,989	333	3,774	90,225
1971	9	85	2,074	314	3,684	85,422	323	3,769	87,496
1972	8	81	1,961	305	3,643	83,278	313	3,724	85,239
1973	9	86	2,103	290	3,516	80,502	299	3,602	82,605
1974	9	100	2,418	293	3,383	77,764	302	3,483	80,182
1975	10	95	2,299	295	3,426	75,125	305	3,521	77,424
1976	9	96	2,289	291	3,261	72,300	300	3,357	74,589
1977	12	107	2,435	284	3,198	70,018	296	3,305	72,453
1978	12	122	2,761	285	3,142	67,612	297	3,264	70,373
1979[2]	13	120	2,924	284	3,052	65,622	297	3,172	68,546
1980[3]	13	125	3,016	282	2,882	64,843	295	3,007	67,859

1) As of the last school day in September.
2) Excludes French teachers in ten mixed elementary schools.
3) Excludes French teachers in thirteen mixed elementary schools.

Source: Ministry of Education, *Education Statistics, Ontario.*
Reports of the Minister of Education.

Table 6.29
Schools, Teachers and Enrolment, by County and District, Ontario, 1979 and 1980

1979[1]	Schools	Full-time Teachers	Enrolment		
			Male	Female	Total
Total Elementary	3,945	53,549	647,774	610,987	1,258,761
Brant	51	619	7,549	7,038	14,587
Bruce	32	383	5,134	4,765	9,899
Dufferin	12	226	2,639	2,468	5,107
Elgin	29	460	5,362	5,165	10,527
Essex	144	2,222	25,703	24,329	50,032
Frontenac	58	668	7,649	7,037	14,686
Grey	31	461	5,265	4,888	10,153
Hastings	65	686	8,114	7,683	15,797
Huron	34	366	4,165	3,991	8,156
Kent	52	706	8,663	8,091	16,754
Lambton	66	826	9,542	9,093	18,635
Lanark	21	283	3,137	3,047	6,184
Leeds & Grenville	45	495	5,802	5,346	11,148
Lennox & Addington	21	245	2,838	2,572	5,410
Middlesex	112	1,683	22,760	21,235	43,995
Municipality of Metropolitan Toronto	711	11,757	144,063	137,377	281,440
Northumberland	35	389	4,930	4,658	9,588
Oxford	50	494	6,330	5,820	12,150
Perth	33	393	4,705	4,379	9,084
Peterborough	50	565	7,550	7,141	14,691
Prescott & Russell	32	411	4,120	4,046	8,166
Prince Edward	10	123	1,362	1,379	2,741
Provisional County of Haliburton	7	69	761	670	1,431
Regional Municipality of Durham	112	1,743	22,631	21,291	43,922
Regional Municipality of Haldimand–Norfolk	53	526	6,613	6,093	12,706
Regional Municipality of Halton	98	1,487	19,787	18,455	38,242
Regional Municipality of Hamilton–Wentworth	171	2,398	29,885	28,588	58,473
Regional Municipality of Niagara	211	2,257	28,924	27,011	55,935
Regional Municipality of Ottawa–Carleton	227	3,594	39,262	36,210	75,472
Regional Municipality of Peel	178	3,382	41,077	39,139	80,216
Regional Municipality of Sudbury	105	1,226	15,078	14,275	29,353
Regional Municipality of Waterloo	145	1,989	24,007	22,834	46,841
Regional Municipality of York	99	1,482	18,756	17,386	36,142
Renfrew	62	585	6,983	6,713	13,696
Simcoe	107	1,428	17,439	16,132	33,571
Stormont, Dundas & Glengarry	81	699	7,645	7,223	14,868
Victoria	21	289	3,281	3,147	6,428
Wellington	68	777	9,724	9,109	18,833
Total, Counties	3,439	48,392	589,235	555,824	1,145,059

Table 6.29 (cont'd.)
Schools, Teachers and Enrolment, by County and District, Ontario, 1979 and 1980

1979[1]	Schools	Full-time Teachers	Enrolment		
			Male	Female	Total
Elementary (cont'd)					
Algoma	95	965	11,461	10,914	22,375
Cochrane	70	817	8,850	8,310	17,160
District Municipality of Muskoka	18	224	2,432	2,347	4,779
Kenora	40	359	4,087	3,765	7,852
Manitoulin	6	54	608	590	1,198
Nipissing	62	619	7,189	6,606	13,795
Parry Sound	21	237	2,449	2,198	4,647
Rainy River	22	173	2,023	1,902	3,925
Sudbury	35	321	3,479	3,312	6,791
Timiskaming	34	349	3,537	3,349	6,886
Thunder Bay	103	1,039	12,424	11,870	24,294
Total, Districts	506	5,157	58,539	55,163	113,702
Total Secondary	633	34,513	309,087	290,997	600,084
Brant	6	388	3,475	3,277	6,752
Bruce	7	204	1,804	1,965	3,769
Dufferin	2	138	1,295	1,277	2,572
Elgin	5	267	2,459	2,390	4,849
Essex	20	1,252	10,714	10,069	20,783
Frontenac	8	445	4,093	3,868	7,961
Grey	5	302	2,767	2,608	5,375
Hastings	8	488	4,455	4,129	8,584
Huron	5	268	2,219	2,247	4,466
Kent	11	469	4,007	3,932	7,939
Lambton	8	475	4,185	4,015	8,200
Lanark	4	202	1,900	1,772	3,672
Leeds & Grenville	7	350	3,175	3,073	6,248
Lennox & Addington	3	151	1,395	1,330	2,725
Middlesex	21	1,262	11,533	10,636	22,169
Municipality of Metropolitan Toronto	153	7,673	69,607	64,499	134,106
Northumberland	5	294	2,519	2,495	5,014
Oxford	7	339	3,111	3,116	6,227
Perth	5	294	2,543	2,648	5,191
Peterborough	8	423	3,860	3,636	7,496
Prescott & Russell	6	281	2,251	2,252	4,503
Prince Edward	1	81	693	668	1,361
Provisional County of Haliburton	1	35	324	299	623
Regional Municipality of Durham	20	1,147	10,672	10,259	20,931

Table 6.29 (cont'd.)
Schools, Teachers and Enrolment, by County and District, Ontario, 1979 and 1980

1979[1]	Schools	Full-time Teachers	Enrolment		
			Male	Female	Total
Secondary (cont'd)					
Regional Municipality of Haldimand–Norfolk	9	399	3,513	3,415	6,928
Regional Municipality of Halton	16	1,086	10,680	9,978	20,658
Regional Municipality of Hamilton–Wentworth	29	1,445	12,641	11,780	24,421
Regional Municipality of Niagara	29	1,507	13,225	12,589	25,814
Regional Municipality of Ottawa–Carleton	37	2,346	20,801	18,947	39,748
Regional Municipality of Peel	27	1,884	16,713	15,360	32,073
Regional Municipality of Sudbury	16	819	7,176	6,622	13,798
Regional Municipality of Waterloo	14	1,021	9,489	8,909	18,398
Regional Municipality of York	15	894	8,777	8,112	16,889
Renfrew	8	459	4,053	3,848	7,901
Simcoe	15	960	8,682	8,074	16,756
Stormont, Dundas & Glengarry	11	519	4,528	4,418	8,946
Victoria	3	182	1,583	1,579	3,162
Wellington	9	478	4,445	4,355	8,800
Total, Counties	564	31,227	281,362	264,446	545,808
Algoma	13	616	5,326	4,872	10,198
Cochrane	10	547	4,284	4,141	8,425
District Municipality of Muskoka	3	159	1,418	1,408	2,826
Kenora	6	215	1,766	1,717	3,483
Manitoulin	1	50	426	388	814
Nipissing	7	413	3,627	3,430	7,057
Parry Sound	2	164	1,397	1,325	2,722
Rainy River	4	115	1,031	949	1,980
Sudbury	3	111	924	955	1,879
Timiskaming	5	230	1,915	1,946	3,861
Thunder Bay	15	666	5,611	5,420	11,031
Total, Districts	69	3,286	27,725	26,551	54,276

Table 6.29 (cont'd.)
Schools, Teachers and Enrolment by County and District, Ontario, 1979 and 1980

1980[1]	Schools	Full-time Teachers	Enrolment		
			Male	Female	Total
Total Elementary	3,925	52,653	637,690	602,584	1,240,274
Brant	55	581	7,287	6,904	14,191
Bruce	32	389	5,031	4,677	9,708
Dufferin	11	220	2,628	2,429	5,057
Elgin	29	464	5,301	5,106	10,407
Essex	141	2,162	24,879	23,588	48,467
Frontenac	57	649	7,316	6,844	14,160
Grey	30	464	5,241	4,850	10,091
Hastings	64	673	7,879	7,461	15,340
Huron	34	366	4,062	3,942	8,004
Kent	52	693	8,442	7,859	16,301
Lambton	64	801	9,492	9,007	18,499
Lanark	21	292	3,142	3,061	6,203
Leeds & Grenville	45	477	5,698	5,221	10,919
Lennox & Addington	20	226	2,690	2,462	5,152
Middlesex	110	1,642	22,358	21,028	43,386
Municipality of Metropolitan Toronto	705	11,579	140,366	133,822	274,188
Northumberland	35	385	4,802	4,538	9,340
Oxford	49	479	6,199	5,762	11,961
Perth	33	375	4,698	4,288	8,986
Peterborough	50	562	7,383	6,935	14,318
Prescott & Russell	32	402	4,246	4,114	8,360
Prince Edward	10	115	1,345	1,340	2,685
Provisional County of Haliburton	7	64	741	643	1,384
Regional Muncipality of Durham	112	1,762	22,431	21,080	43,511
Regional Municipality of Haldimand-Norfolk	53	510	6,409	6,006	12,415
Regional Municipality of Halton	100	1,470	19,674	18,473	38,147
Regional Municipality of Hamilton-Wentworth	169	2,389	29,836	28,459	58,295
Regional Municipality of Niagara	210	2,151	27,995	26,283	54,278
Regional Municipality of Ottawa-Carleton	226	3,415	38,400	35,811	74,211
Regional Municipality of Peel	183	3,435	42,129	40,273	82,402
Regional Municipality of Sudbury	104	1,190	14,669	13,924	28,594
Regional Municipality of Waterloo	145	1,969	23,891	22,473	46,364
Regional Municipality of York	99	1,581	19,366	18,145	37,511
Renfrew	58	553	6,701	6,440	13,141
Simcoe	110	1,381	17,250	16,095	33,345
Stormont, Dundas & Glengarry	78	661	7,507	7,019	14,526
Victoria	22	288	3,209	3,056	6,265
Wellington	68	765	9,594	9,079	18,673
Total, Counties	3,423	47,580	580,287	548,497	1,128,784

Table 6.29 (cont'd.)
Schools, Teachers and Enrolment, by County and District, Ontario, 1979 and 1980

1980[1]	Schools	Full-time Teachers	Enrolment		
			Male	Female	Total
Elementary (cont'd.)					
Algoma	95	968	11,362	10,862	22,224
Cochrane	70	806	8,797	8,176	16,973
District Municipality of Muskoka	17	220	2,356	2,307	4,663
Kenora	40	365	4,090	3,758	7,848
Manitoulin	6	54	601	577	1,178
Nipissing	59	588	6,961	6,377	13,338
Parry Sound	22	225	2,399	2,144	4,543
Rainy River	22	176	1,920	1,818	3,738
Sudbury	35	313	3,316	3,153	6,469
Timiskaming	35	333	3,408	3,170	6,578
Thunder Bay	101	1,025	12,193	11,745	23,938
Total, Districts	502	5,073	57,403	54,087	111,490
Total Secondary	639	33,840	303,408	282,853	586,261
Brant	6	383	3,514	3,199	6,713
Bruce	7	203	1,763	1,886	3,649
Dufferin	2	146	1,290	1,238	2,528
Elgin	5	264	2,407	2,317	4,724
Essex	20	1,220	10,589	9,819	20,408
Frontenac	8	431	4,094	3,753	7,847
Grey	5	299	2,774	2,571	5,345
Hastings	8	466	4,286	3,819	8,105
Huron	5	247	2,120	2,115	4,235
Kent	10	450	3,885	3,715	7,600
Lambton	8	458	4,050	3,806	7,856
Lanark	4	202	1,807	1,709	3,516
Leeds & Grenville	7	349	3,183	3,003	6,186
Lennox & Addington	3	152	1,333	1,445	2,778
Middlesex	21	1,238	11,377	10,275	21,652
Municipality of Metropolitan Toronto	153	7,582	68,307	62,893	131,200
Northumberland	5	272	2,390	2,386	4,776
Oxford	7	333	3,056	3,003	6,059
Perth	5	285	2,483	2,553	5,036
Peterborough	8	425	3,795	3,493	7,288
Prescott & Russell	6	284	2,229	2,214	4,443
Prince Edward	1	75	648	574	1,222
Provisional County of Haliburton	1	37	317	287	604
Regional Municipality of Durham	20	1,153	10,737	10,196	20,933

Table 6.29 (cont'd.)
Schools, Teachers and Enrolment, by County and District, Ontario, 1979 and 1980

1980[1]	Schools	Full-time Teachers	Enrolment		
			Male	Female	Tota
Secondary (cont'd.)					
Regional Municipality of Haldimand-Norfolk	9	386	3,405	3,260	6,665
Regional Municipality of Halton	17	1,091	10,403	9,730	20,133
Regional Municipality of Hamilton-Wentworth	29	1,393	12,275	11,252	23,527
Regional Municipality of Niagara	29	1,450	12,946	12,254	25,200
Regional Municipality of Ottawa-Carleton	39	2,242	20,094	18,198	38,292
Regional Municipality of Peel	27	1,918	16,814	15,560	32,374
Regional Municipality of Sudbury	15	777	6,895	6,063	12,958
Regional Municipality of Waterloo	14	1,033	9,603	9,012	18,615
Regional Municipality of York	15	888	8,707	7,978	16,685
Renfrew	9	434	3,855	3,673	7,528
Simcoe	16	940	8,495	7,856	16,351
Stormont, Dundas & Glengarry	11	506	4,601	4,586	9,187
Victoria	3	178	1,570	1,533	3,103
Wellington	9	473	4,377	4,200	8,577
Total, Counties	567	30,663	276,474	257,424	533,898
Algoma	14	595	5,187	4,632	9,819
Cochrane	11	531	4,132	3,974	8,106
District Municipality of Muskoka	3	150	1,337	1,321	2,658
Kenora	6	202	1,669	1,613	3,282
Manitoulin	1	45	366	360	726
Nipissing	7	396	3,529	3,229	6,758
Parry Sound	2	162	1,390	1,288	2,678
Rainy River	4	110	981	853	1,834
Sudbury	3	112	882	880	1,762
Timiskaming	6	223	1,778	1,895	3,673
Thunder Bay	15	651	5,683	5,384	11,067
Total, Districts	72	3,177	26,934	25,429	52,363

1) As of the last school day in September.

Source: Ministry of Education, *Education Statistics Ontario.*

Table 6.30
Total Full-Time University Teachers by Sex, Degree and Age, Ontario, 1976-77 to 1979-80

	Total Number	Under 25 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50 Years and Over	Age not Reported
1976-77									
All Teachers									
Doctorate	7,896	3	252	1,417	1,975	1,541	1,188	1,514	6
Master's	2,950	12	257	586	581	467	392	649	6
First Professional	739	2	18	93	141	139	131	215	0
Bachelor's	810	20	89	151	130	119	97	204	0
Other	262	0	29	39	42	48	31	69	4
Total	12,657	37	645	2,286	2,869	2,314	1,839	2,651	16
Male									
Doctorate	7,188	2	218	1,266	1,800	1,442	1,079	1,376	5
Master's	2,294	8	184	458	458	361	311	514	0
First Professional	668	1	9	77	134	129	120	198	0
Bachelor's	551	11	48	76	88	90	71	167	0
Other	198	0	22	25	29	42	24	52	4
Total	10,899	22	481	1,902	2,509	2,064	1,605	2,307	9
Female									
Doctorate	708	1	34	151	175	99	109	138	1
Master's	656	4	73	128	123	106	81	135	6
First Professional	71	1	9	16	7	10	11	17	0
Bachelor's	259	9	41	75	42	29	26	37	0
Other	64	0	7	14	13	6	7	17	0
Total	1,758	15	164	384	360	250	234	344	7
1977-78									
All Teachers									
Doctorate	7,953	2	211	1,255	1,970	1,622	1,260	1,630	3
Master's	2,947	13	240	577	580	463	398	676	–
First Professional	808	–	18	113	169	145	131	232	–
Bachelor's	815	22	88	139	137	118	102	209	–
Other	233	2	15	28	40	44	34	68	2
Total	12,756	39	572	2,112	2,896	2,392	1,925	2,815	5
Male									
Doctorate	7,208	2	184	1,107	1,788	1,503	1,142	1,480	2
Master's	2,265	7	167	435	440	367	316	533	–
First Professional	737	–	13	95	159	134	121	215	–
Bachelor's	554	15	40	79	82	93	70	175	–
Other	177	2	11	19	27	39	25	53	1
Total	10,941	26	415	1,735	2,496	2,136	1,674	2,456	3
Female									
Doctorate	745	–	27	148	182	119	118	150	1
Master's	682	6	73	142	140	96	82	143	–
First Professional	71	–	5	18	10	11	16	17	–
Bachelor's	261	7	48	60	55	25	32	34	–
Other	56	–	4	9	13	5	9	15	1
Total	1,815	13	157	377	400	256	251	359	2

Table 6.30 (cont'd.)
Total Full-Time University Teachers by Sex, Degree and Age, Ontario, 1976-77 to 1979-80

	Total Number	Under 25 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50 Years and Over	Age not Reported
1978-79									
All Teachers									
Doctorate	8,064	–	168	1,062	1,987	1,742	1,312	1,790	3
Master's	2,717	7	222	480	522	441	349	696	–
First Professional	952	–	15	117	189	191	160	280	–
Bachelor's	757	19	77	120	125	121	99	196	–
Other	315	2	15	32	52	57	60	94	3
Total	12,805	28	497	1,811	2,875	2,552	1,980	3,056	6
Male									
Doctorate	7,264	–	138	931	1,782	1,606	1,191	1,614	2
Master's	2,102	5	150	365	395	355	278	554	–
First Professional	879	–	12	102	176	175	151	263	–
Bachelor's	512	10	35	70	68	89	79	161	–
Other	233	1	11	19	37	45	45	72	3
Total	10,990	16	346	1,487	2,458	2,270	1,744	2,664	5
Female									
Doctorate	800	–	30	131	205	136	121	176	1
Master's	615	2	72	115	127	86	71	142	–
First Professional	73	–	3	15	13	16	9	17	–
Bachelor's	245	9	42	50	57	32	20	35	–
Other	82	1	4	13	15	12	15	22	–
Total	1,815	12	151	324	417	282	236	392	1
1979-80 [P]									
All Teachers									
Doctorate	8,064	–	118	908	1,915	1,808	1,395	1,918	2
Master's	2,642	8	186	430	495	454	358	710	1
First Professional	983	–	19	113	199	189	154	309	–
Bachelor's	744	20	70	98	146	115	98	197	–
Other	337	3	10	49	46	55	62	102	10
Total	12,770	31	403	1,598	2,801	2,621	2,067	3,236	13
Male									
Doctorate	7,281	–	99	804	1,693	1,666	1,280	1,738	1
Master's	2,053	6	131	329	378	360	282	567	–
First Professional	902	–	14	103	177	178	142	288	–
Bachelor's	501	6	35	57	85	84	76	158	–
Other	244	–	7	30	30	39	48	80	10
Total	10,981	12	286	1,323	2,363	2,327	1,828	2,831	11
Female									
Doctorate	783	–	19	104	222	142	115	180	1
Master's	589	2	55	101	117	94	76	143	1
First Professional	81	–	5	10	22	11	12	21	–
Bachelor's	243	14	35	41	61	31	22	39	–
Other	93	3	3	19	16	16	14	22	–
Total	1,789	19	117	275	438	294	239	405	2

Source: SC, Education, Science and Culture Division.

Table 6.31
Average Academic Salaries[1] by Rank at Universities[2], Ontario, 1974-75 to 1979-80

	1974-75[3]	1975-76	1976-77[3]	1977-78	1978-79	1979-80[4]
				$		
Full Professor	28,807	32,227	35,090	37,478	37,675	41,613
Associate Professor	20,784	23,135	25,537	27,563	28,337	31,017
Assistant Professor	16,756	18,811	20,444	21,887	22,855	24,946
Lecturer	13,699	15,716	16,688	18,106	18,846	21,199
Average	21,084	23,918	26,350	28,451	28,777	32,435

1) Salaries include those for Medical and Dental academic staff.
2) Ryerson not included.
3) Algoma not included.
4) Royal Military College not included.

Source: Ministry of Education.
University Affairs Division from Statistics.
Canada University Faculty Salary Analysis System.

Table 6.32
Expenditures on Education, Percentage Distribution by Source of Funds, Canada and Ontario, Selected Years, 1970-1978

		Sources of Funds				
		Government				
	Total	Federal[1]	Provincial[2]	Municipal	Fees	Other Sources
	$'000's			%		
Canada[3]						
1970	7,676,049	12.1	56.2	22.4	4.2	5.1
1971	8,349,705	11.1	59.5	20.5	4.6	4.3
1972	8,675,696	10.9	60.5	20.6	4.8	3.2
1973	9,639,390	10.2	60.6	20.2	4.6	4.4
1974	11,063,699	9.5	63.5	18.8	4.3	3.9
1975	13,011,722	9.2	64.5	18.7	4.1	3.5
1976	15,013,901	9.1	65.5	18.7	3.8	2.9
1977[r]	17,459,418	9.0	66.3	17.9	3.8	3.0
1978[p]	18,660,710	8.7	65.6	18.8	3.8	3.1
Ontario						
1970	2,962,418	7.2	58.6	26.6	4.1	3.5
1971	3,263,627	7.7	61.3	24.3	4.4	2.3
1972	3,358,661	8.6	60.1	22.6	5.0	3.7
1973	3,565,253	8.0	61.2[r]	21.8[r]	5.1	3.9
1974	3,994,938	7.8	61.5	22.3	4.9	3.5
1975	4,526,293	7.8	61.6	22.3	4.9	3.4
1976	5,349,717	8.2	58.6	25.3	4.7	3.2
1977	6,168,183[r]	7.1	60.8[r]	24.6[r]	4.6	2.9
1978[p]	6,642,745	6.9	59.4	25.8	4.5	3.4

1) Starting with 1967, the funds transferred to the provinces for the purpose of post-secondary education are classified as provincial expenditures.
2) The federal funds transferred to the provinces for the purposes of post-secondary education and minority language training are classified as provincial expenditures.
3) Includes Yukon, Northwest Territories, Overseas and undistributable expenditures.

Source: SC, Education, Science and Culture Division.

Table 6.33
Ontario Graduate Fellowships[1]/Scholarships, 1973-74 to 1980-81

	Students			Amounts[2]		
Year[3]	Resident[4]	Non-Resident	Total	Fall and Winter	Summer	Total
				$		
1973-74	1,233	84	1,317	1,946,250[r]	721,350	2,667,600[r]
1974-75	1,025	77	1,102	1,587,690	524,048	2,111,738
1975-76	925	34	959	1,943,363	281,807	2,225,200
1976-77	946	41	987	2,903,841	363,641	3,267,482
1977-78	873	43	916	3,209,060	450,950	3,660,010
1978-79	1,131	49	1,180	2,776,650	609,000	3,385,650
1979-80	1,115	58	1,173	3,573,800	1,080,000	4,653,800
1980-81	1,138	60	1,198	3,691,590	1,114,920	4,806,510

1) Ontario Graduate Fellowships were superseded by Ontario Graduate Scholarships starting in the 1974-75 academic year, except for a transition period (Spring, 1974) when both O.G.F. and O.G.S. were awarded.
2) Fellowships/Scholarships require attendance for two out of three semester sessions. The regular academic year includes fall and winter but the amounts given include payments made to students who attend only one term following or preceding a summer session.
3) Represents fiscal year (April-March).
4) Resident refers to students who are Canadian Citizens or Landed Immigrants.

Source: Ministry of Education, *Students Awards Branch.*

Table 6.34

Ontario Student Assistance Program[1], 1979-80

	Grant Eligible				Grant Ineligible			Total			
	No. of Cases	Grant	Canada Student Loan	OSAP Loan	No. of Cases	Canada Student Loan	OSAP Loan	No. of Cases	Grant	Canada Student Loan	OSAP Loan
										$000's	
Universities	30,779	39,841,482	20,159,703	2,480,505	12,347	20,017,230	10,112,801	43,126	39,841,482	40,176,933	12,593,306
Ryerson	2,508	3,371,370	1,674,810	173,150	470	766,110	287,790	2,978	3,371,370	2,440,920	460,940
Ontario College of Art	461	833,205	349,350	47,400	146	236,230	135,490	607	833,205	585,580	182,890
Royal Military College	–	–	1,750	–	8	9,640	–	8	–	9,640	–
Bar Admission	1	–	1,750	1,375	402	642,730	118,405	403	–	644,480	119,780
C.A.A.T.'s[2]	24,057	30,569,026	13,981,004	1,942,535	1,967	2,975,350	980,975	26,024	30,569,026	16,956,354	2,923,510
Agricultural Colleges	284	222,160	101,290	10,400	17	17,340	1,930	301	222,160	118,630	12,330
Other Ontario Institutions[3]	2,982	3,098,540	3,836,560	1,034,855	1,323	2,316,010	650,615	4,305	3,098,540	6,152,570	1,685,470
Out-of-Province Institutions[5]	1,301	1,830,760	958,470	–	2,883	5,162,380	2,900	4,184	1,830,760	6,120,850	2,900
Total	62,373	79,766,543	41,062,937	5,690,220	19,563	32,143,020	12,290,906	81,936	79,766,543	73,205,957	17,981,126

1) OSAP is the accepted abbreviation.
2) C.A.A.T.'s denotes Colleges of Applied Arts and Technology.
3) Includes eligible private schools, medical institutes, etc.
4) Data refers to Teachers Colleges at Hamilton, Toronto and Ottawa. All other teachers colleges were incorporated with the respective university in the area.
5) Includes other Canadian Institutions and Universities and Foreign Universities and Institutions.

Source: Ministry of Education, Student Awards Branch, *OSAP Statistical Report*.

Table 6.35
Summary of Financial Statistics of School Boards, Ontario 1978 and 1979

1978	Public Separate	Roman Catholic Separate	Total Elementary	Secondary	Grand Total
			$'000's		
Revenue	1,517,456	709,783	2,227,239	1,574,417	3,801,656
Local Taxation[1]	800,205	127,895	928,100	786,621	1,714,721
Provincial Government – Grants	677,120	561,182	1,238,302	713,481	1,951,783
Provincial Government Other	820	767	1,587	1,108	2,695
Federal Government	5,675	3,513	9,188	8,360	17,548
Transfers from Other Boards	6,581	3,978	10,559	25,973	36,532
Individuals	560	594	1,154	8,747	9,901
Sale of Property and Insurance Proceeds	6,119	2,778	8,897	3,797	12,694
Other Revenue	12,466	3,689	16,155	17,949	34,104
Transfers from Reserves and Other Funds	7,910	5,387	13,297	8,381	21,678
Expenditure	1,517,456	709,783	2,227,239	1,574,417[3]	3,801,656
Business Administration	26,996	17,995	44,991	29,328	74,319
Computer Services	3,106	1,209	4,315	6,611	10,926
Instruction, Day Schools – Salaries and Fringe Benefits	935,902	413,777	1,349,679	969,146	2,318,825
Instruction, Day Schools – Supplies and Other Expenses	111,184	67,117	178,301	130,873	309,174
Educational Services	27,619	12,805	40,424	24,224	64,648
Attendance, Health and Food Services	3,478	686	4,164	9,435	13,599
Plant Operation & Plant Maintenance	193,536	81,543	275,079	182,571	457,650
Transportation	63,401	37,597	100,998	52,359	153,357
Capital Expenditure from Revenue (non-allocable)	22,690	10,376	33,066	17,312	50,378
Debt Charges[2]	89,805	50,586	140,391	75,912	216,303
Other Operating Expenditure	6,408	2,763	9,171	6,843	16,014
Net Day School Expenditure	1,484,125	696,454	2,180,579	1,504,614	3,685,193
Expenditure for Adult Education	497	3,222	3,719	17,715	21,434
Transfers to Other Boards	4,891	4,959	9,850	25,262	35,112
Non-operating Expenditure	4,090	1,379	5,469	3,271	8,740
Tax Write-offs and Revisions	11,786	819	12,605	10,391	22,996
Provision for Reserves and Other Funds	12,067	2,950	15,017	13,164	28,181

Table 6.35 (cont'd.)
Summary of Financial Statistics of School Boards, Ontario, 1978 and 1979

1979	Public Separate	Roman Catholic Separate	Total Elementary	Secondary	Grand Total
			$'000's		
Revenue	1,618,036	785,578	2,403,614	1,699,112	4,102,726
Local Taxation[1]	875,540	144,089	1,019,629	860,726	1,880,355
Provincial Government – Grants	687,638	612,343	1,299,981	755,882	2,055,863
Provincial Government Other	634	229	863	977	1,840
Federal Government	5,919	3,355	9,274	8,886	18,160
Transfers from Other Boards	6,956	4,630	11,586	28,400	39,986
Individuals	572	779	1,351	9,645	10,996
Sale of Property and Insurance Proceeds	16,478	11,389	27,867	4,247	32,114
Other Revenue	15,775	4,772	20,547	20,837	41,384
Transfers from Reserves and Other Funds	8,524	3,992	12,516	9,512	22,028
Expenditure	1,618,036	785,578	2,403,614	1,699,112[3]	4,102,726
Business Administration	28,442	19,738	48,180	31,919	80,099
Computer Services	3,439	1,269	4,708	7,141	11,849
Instruction, Day Schools – Salaries and Fringe Benefits	997,828	461,546	1,459,374	1,049,323	2,508,697
Instruction, Day Schools – Supplies and Other Expenses	116,126	71,577	187,703	143,431	331,134
Educational Services	29,570	13,360	42,930	26,190	69,120
Attendance, Health and Food Services	3,695	678	4,373	10,216	14,589
Plant Operation & Plant Maintenance	205,291	87,954	293,245	197,824	491,069
Transportation	69,534	43,227	112,761	58,272	171,033
Capital Expenditure from Revenue (non-allocable)	22,494	7,072	29,566	18,698	48,264
Debt Charges[2]	88,382	52,670	141,052	76,298	217,350
Other Operating Expenditure	8,763	3,951	12,714	9,949	22,663
Net Day School Expenditure	1,573,564	763,042	2,336,606	1,629,261	3,965,867
Expenditure for Adult Education	545	2,772	3,317	18,938	22,255
Transfer to Other Boards	4,897	5,513	10,410	27,482	37,892
Non-operating Expenditure	7,442	1,837	9,279	4,131	13,410
Tax Write-offs and Revisions	11,131	884	12,015	9,989	22,004
Provision for Reserves and Other Funds	20,457	11,530	31,987	9,311	41,298

1) Represents the portion of the total expenditure required to be raised by local taxation.
2) Includes interest on short term borrowings for capital purposes.
3) Includes revenue and expenditure in respect of schools for trainable retarded pupils.

Source: Ministry of Education, *Education Statistics Ontario*.

Table 6.36
Local Taxation[1] for Education, Ontario, 1968-1979

	Public	Roman Catholic Separate	Total Elementary	Secondary	Grand Total
			$'000's		
1968	307,873	42,265	350,138	282,833	632,971
1969	365,409	49,985	415,394	335,017	750,411
1970	404,249	53,893	458,142	341,061	799,203
1971	397,412	54,080	451,492	333,929	785,421
1972	395,658	53,190	448,848	339,106	787,954
1973	403,151	56,164	459,315	345,190	804,505
1974	449,297	60,310	509,607	393,988	903,595
1975	513,661	72,046	585,707	437,299	1,023,006
1976	654,700	96,539	751,239	620,323	1,371,562
1977	723,724	107,778	831,502	711,530	1,543,032
1978	800,205	127,895	928,100	786,621	1,714,721
1979	875,540	144,089	1,019,629	860,726	1,800,355

1) Represents the portion of the total expenditure required to be raised by local taxation.

Source: Ministry of Education, *Education Statistics Ontario.*
Reports of the Minister of Education.

Table 6.37

School Board Expenditures and General Legislative Grants, Ontario, 1969–1979

	Public			Roman Catholic Separate			Total Elementary			Secondary			All Schools		
	Expenditure	Grant	Per Cent[1]	Expenditure	Grant	Per Cent[1]	Expenditure	Grant	Per Cent[1]	Expenditure	Grant	Per Cent[1]	Expenditure	Grant	Per Cent[1]
							$Million								
1969	627.9	254.9	40.6	227.5	171.9	75.6	855.4	426.8	49.9	606.1	252.8	41.7	1,461.5	679.6	46.5
1970	707.3	303.9	43.0	259.7	207.5	79.9	966.9	511.4	52.9	672.6	333.1	49.5	1,639.5	844.6	51.5
1971	759.2	366.1	48.2	285.5	235.4	82.4	1,044.7	601.4	57.6	739.5	411.1	55.6	1,784.2	1,012.5	56.8
1972	817.6	424.6	51.9	314.7	262.7	83.5	1,132.4	687.4	60.7	803.3	467.8	58.2	1,935.7	1,155.2	59.7
1973	837.2	438.6	52.4	327.4	278.7	85.1	1,164.6	717.2	61.6	834.7	492.7	59.0	1,999.3	1,209.9	60.5
1974	922.7	475.1	51.5	381.7	321.0	84.1	1,304.4	796.1	61.0	912.9	521.9	57.2	2,217.3	1,318.0	59.4
1975	1,109.7	592.5	53.4	480.4	407.9	84.9	1,590.1	1,000.4	62.9	1,066.0	628.3	58.9	2,656.2	1,628.7	61.3
1976	1,283.1	617.9	48.2	561.1	464.5	82.8	1,844.2	1,082.4	58.7	1,260.9	637.8	50.6	3,105.1	1,720.2	55.4
1977	1,392.1	669.0	48.1	617.5	514.9	83.4	2,009.6	1,183.9	58.9	1,397.4	686.6	49.1	3,407.1	1,870.6	54.9
1978	1,474.9	677.1	45.9	690.5	561.2	81.3	2,165.4	1,238.3	57.2	1,496.0	713.5	47.7	3,661.4	1,951.8	53.3
1979	1,553.3	687.6	44.3	748.0	612.0	81.9	2,301.3	1,300.0	56.5	1,617.7	755.9	46.7	3,919.0	2,055.9	52.5

1) Percentage of expenditure which is covered by grants.

Source Ministry of Education, *Education Statistics, Ontario.*
Reports of the Minister of Education.

Table 6.38
Comparison of Ontario Population[1] and Publicly Supported Elementary and Secondary School Enrolment[2] by Selected Age Groups, 1970-1980

Year	Total population of Ontario	Total (elementary and secondary) Enrolment	Enrolment as per cent of total population	Population of Ontario by Selected Age Groups		
				4–13	14–18	4–18
	'000's				'000's	
1970	7,637.0	2,022,401	26.5	1,575.2	708.4	2,283.6
1971	7,703.1	2,031,360	26.4	1,552.4	731.9	2,284.3
1972	7,833.9	2,208,114	25.9	1,528.2	744.9	2,273.1
1973	7,938.9	2,008,610	25.3	1,502.4	768.8	2,271.2
1974	8,093.0	1,994,489	24.6	1,484.2	783.9	2,268.1
1975	8,255.8	1,994,638	24.2	1,463.1	803.1	2,266.2
1976	8,264.5	1,973,140	23.9	1,428.8	816.0	2,244.8
1977	8,355.0	1,943,226	23.3	1,389.7	828.5	2,218.2
1978	8,444.3	1,902,005	22.5	1,349.0	835.6	2,184.6
1979	8,503.3	1,858,845	21.9	1,310.0	829.7	2,139.7
1980	8,570.4	1,826,535	21.3	1,278.9	799.4	2,078.3

Table 6.38 (cont'd.)

Year	Elementary School Enrolment in Age Group 4–13	Secondary School Enrolment in Age Group 14–18	Elementary and Secondary School Enrolment Age Group 4–18	School Enrolment as per cent of Population in Appropriate Age Group		
				4–13	14–18	4–18
1970	1,408,364	505,726	2,001,670	89.4	71.4	87.7
1971	1,398,713	523,817	2,011,684	90.1	71.6	88.1
1972	1,385,057	532,527	2,003,969	90.6	71.5	88.2
1973	1,360,948	537,948	1,986,121	90.6	70.0	87.4
1974	1,340,219	542,314	1,971,418	90.3	69.2	86.9
1975	1,323,122	557,575	1,970,801	90.4	69.4	87.0
1976	1,294,738	566,352	1,949,419	90.6	69.4	86.8
1977	1,262,034	570,034	1,919,904	90.8	68.8	86.6
1978	1,220,870	567,818	1,876,951	90.5	67.9	85.9
1979	1,189,981	559,200	1,832,798	90.8	67.4	85.7
1980	1,172,830	542,958	1,796,299	91.7	67.9	86.4

1) Statistics Canada estimates except those for 1971, 1976 and 1980. Data for 1971 and 1976 are census figures, while those for 1980 are from projections by single years of age produced by Central Statistical Services, Ministry of Treasury and Economics. It should be noted that 1977 and 1978 population figures have been revised. Population is as of June 1st.
2) Enrolment on the last school day in September.

Source: Ministry of Education, *Education Statistics Ontario.*
Reports of the Ministry of Education.

Table 6.39
Public Education in Ontario, 1980

	Boards Operating Schools	Schools in Operation	Number of Full-Time Teachers	Enrolment		
				Male	Female	Total
Public	112[1]	2,579	35,357	422,406	394,430	816,836
Roman Catholic Separate	58	1,346	17,296	215,284	208,154	423,438
Sub-Total (Elementary)	170[1]	3,925	52,653	637,690	602,584	1,240,274
Secondary	79	639	33,840	303,408	282,853	586,261
Sub-Total (Elementary and Secondary)	171[2]	4,564	86,493	941,098	885,437	1,826,535[7]
Trainable Retarded	68[3]	192	927	4,121	3,143	7,264
Provincial Schools	–	30[6]	579	1,615	862	2,477
Education Programs or Schools in Care and Treatment Facilities	62[4]	164	568	2,174	1,051	3,225
Grand Total	181[5]	4,950	88,567	949,008	890,493	1,839,501

1) Two Protestant separate school boards are included in this total.
2) The total excludes the duplication of seventy-eight boards of education that operate both elementary and secondary schools, two of which are on Crown Land.
3) These 68 boards of education also operate other types of schools.
4) Ten of these are boards appointed under Section 68 of The Education Act, 1974 and operate schools only in treatment centres. The remaining fifty-two are boards which employ teachers to provide education programs in care and treatment facilities under Section 28 of Ontario Regulation 228/80, General Legislative Grants 1980; they also operate elementary and/or secondary schools.
5) The net total excludes the duplication of the boards that operate more than one type of school. On September 30, 1980, there was a total of 193 boards, but 12 boards did not operate schools.
6) Excluding the duplication of six schools that operate at both the elementary and the secondary level, there is a net total of twenty-four such schools managed by the Ministry of Education. Five schools – three for the deaf, one for the blind, and one demonstration school for learning disabilities – are institutions operated by the Ministry of Education. Of the remaining schools, nineteen are in facilities operated by the Ministry of Community and Social Social Services; thirteen of these are developmental centre schools and five are juvenile training centres. The Centre Jules Leger, a demonstration school, is operated by the University of Ottawa.
7) This total should be used when making comparisons with earlier years in which only elementary and secondary school enrolments were reported.

Source: Ministry of Education, *Education Statistics Ontario.*
Reports of the Minister of Education.

Table 6.40

French as a Second Language, Canada[1] and Ontario 1970-71 to 1979-80

		Participation Rate		Participation Index	
		Canada[1]	Ontario	Canada[1]	Ontario
				1970-71 = 100%	
1970-71	Elementary	28.4	37.5	100	100
	Secondary	55.8	48.9	100	100
1971-72	Elementary	30.8	41.2	109	110
	Secondary	53.2	44.5	95	91
1972-73	Elementary	33.3	43.9	117	117
	Secondary	47.0	39.4	84	81
1973-74	Elementary	34.8	44.7	123	119
	Secondary	43.7	36.4	78	74
1974-75	Elementary	36.8	46.0	130	123
	Secondary	41.6	33.9	75	69
1975-76	Elementary	38.4	48.9	135	130
	Secondary	41.5	35.5	74	73
1976-77	Elementary	39.1	49.9	138	133
	Secondary	40.9	35.8	73	73
1977-78	Elementary	41.7	53.3	147	142
	Secondary	40.2	36.2	72	74
1978-79	Elementary	43.9	55.5	155	148
	Secondary	41.4	37.0	74	76
1979-80	Elementary	44.8	57.0	158	152
	Secondary	40.8	35.8	73	73

1) Nine provinces, not including Québec where English is the second official language. Public schools only.

Source: SC, Education, Science and Culture Division.

Table 6.41
In-service Programs Completed by Teachers, Ontario 1979-80[1]

	Min. of Education	Faculties[2]		School Board
	Summer	Winter	Summer	Winter
Additional Basic Qualifications				
Primary Division	. . .	–	30	. . .
Junior Division	. . .	–	119	. . .
Intermediate Division	. . .	–	36	. . .
Senior Division	. . .	–	63	. . .
Technological Studies	. . .	418	196	. . .
Additional Qualifications				
One Session Programs				
Child and Youth Study	. . .	–	6	–
Community School Development	. . .	–	–	10
Driver Education Instructor	. . .	–	45	–
Law	. . .	–	40	–
Three Sessions Programs				
Business Education – Accounting	. . .	–	138	–
Business Education – Data Processing	. . .	–	44	–
Business Education – Marketing & Merchandising	. . .	–	94	–
Business Education – Secretarial	. . .	–	125	–
Dramatic Arts	. . .	18	71	–
English as a Second Language	. . .	154	333	–
Environmental Science	. . .	–	30	–
French as a Second Language	. . .	330	178	75
Guidance	. . .	194	346	–
Home Economics	. . .	–	37	–
Industrial Arts	. . .	49	122	–
Intermediate Education	. . .	–	8	12
Junior Education	. . .	40	46	22
Librarianship	. . .	270	407	46
Media	. . .	66	54	–
Multiculturalism in Education	. . .	15	3	–
Music – Instrumental	. . .	12	58	–
Music – Vocal (Primary, Junior)	. . .	86	107	46
Music – Vocal (Intermediate, Senior)	. . .	–	14	–
Physical & Health Education (Primary, Junior)	. . .	157	278	207
Physical & Health Education (Intermediate, Senior)	. . .	45	143	23
Primary Education	. . .	342	494	54
Reading	. . .	443	313	207
Special Education	. . .	3,566	2,654	766
Visual Arts	. . .	175	247	63
Honour Specialist	. . .	11	245	. . .
Honour Technological Studies Specialist	. . .	–	134	. . .
Program Development & Implementation	364	. . .	. . .	. . .
Program Supervisor & Assessment	485	. . .	. . .	. . .
Total	849	6,391	7,258	1,531

1) September to August.
2) College, school and faculties of education.

Source: Ministry of Education, *Education Statistics, Ontario.*
Reports of the Minister of Education.

Section 7

Crime and Justice

Highlights

- **Offences** – The number of adults charged in 1979 in Ontario was 323,925 representing an increase of 7.4 per cent over the 1978 mark. Males accounted for 285,339 or 88.1 per cent of the total.

  The highest rate of actual offences per 100,000 total population as of June 1, 1979 in Ontario in 1979 was 2,458.2 for "theft $200 and under". Rates for some other offences were as follows: 414.4 for "frauds"; 270.5 for "Cannibis"; 139.7 for "stolen goods"; 78.8 for offensive weapons"; 7.0 for "rape"; and 44.9 for "other sexual offences".

  Data for 1979 show that in terms of rate of crime per 100,000 population for each police jurisdiction, Sarnia, Brantford and Thunder Bay had "all offences" rates in excess of 14,000.0. For some of the other larger centres in Ontario, Toronto had a rate of 9,404.8, Hamilton-Wentworth 13,371.6, Ottawa 11,632.5, London 13,027.1 and Windsor 13,614.4.

- **Juveniles** – The number of juveniles charged in 1978 in Ontario was 20,845 representing an increase of 4.3 per cent from the 1977 mark. Males accounted for 17,571 or 84.3 per cent of the 1978 total.

  From 1975 to 1979, the number of juvenile delinquencies dropped from 16,626 to 13,263, a decrease of 20.2 per cent. Of the total number of delinquencies in 1979, the most common type was "theft" with 3,672, followed by "breaking and entering a place" with 2,774 and "possess stolen goods" with 887.

  Of the 10,578 found delinquent in 1979 suspensions accounted for 13.5 per cent, probation for 43.1 per cent, and fine or restitution 12.4 per cent.

- **Correctional Institutions** – In 1979, males accounted for 4,390 or 95.9 per cent of the total population of inmates in provincial adult institutions. In the provincial jails, the figures for total prisoners are, of course, much higher than the other adult institutions due to their differing functions. Total number of prisoners steadily declined between the years 1971-72 and 1975-76. The 1980-81 figure of 65,776 admissions, however, reflects an 8.4 per cent increase from the 1979-80 mark. In 1980-81 the age group 19-24 years represented the highest number of admissions with 35.3 per cent of the total. Closely following was the next oldest age group (25-35) with 25.9 per cent of the total. (It should be noted though, that these age groups represent unequal number of years).

- **Motor Vehicle Accidents** – Motor vehicle accidents in Ontario from 1960 to 1979 rose from 87,186 to 197,196, an increase of 126.2 per cent. Over the 1-year period between 1978 and 1979, the number of persons killed increased 7.6 per cent and the number of persons injured increased 6.7 per cent.

Definitions

An Indictable Offence – Is one regarded as an offence not only against a person but against the whole state. These offences are designated by statute, which also defines maximum punishment in each case; they demand a more formal hearing than ordinary offences.

Ordinary (Summary) Offences – Are those not expressly made indictable; they are, as a rule, minor. All provincial statutes and municipal by-laws are in this category (such as offences against traffic, liquor laws and breaches of the peace). Maximum sentence for a summary offence is $500 fine and/or six months imprisonment.

Actual Offences – Actual offences are those reported or known to police which investigation proved to be founded.

Assault – A person commits an assault when, without the consent of another person or with consent, where it is obtained by fraud, (a) he applies force intentionally to the person of the other, directly or indirectly, or (b) he attempts or threatens, by an act or gesture, to apply force to the person of the other, if he has or causes the other to believe upon reasonable grounds that he has present ability to effect his purpose.

Attempted Murder – Everyone who, having an intent to commit an offence, does, or omits to do anything for the purpose of carrying out his intention, is guilty of an attempt to commit the offence whether or not it was possible under the circumstances to commit the offence.

Breaking and Entering – Everyone who (a) breaks and enters a place with intent to commit an indictable offence therein, (b) breaks and enters a place and commits an indictable offence therein, or (c) breaks out of a place after (i) committing an indictable offence therein, or (ii) entering the place with intent to commit an indictable offence therein, is guilty of an indictable offence.

Crime – Persons charged are reported as adult or juvenile and male or female. Total persons charged does not represent an unduplicated count of individuals charged during the year. The same person is counted on each occasion that he has been charged with having committed an offence.

The method for reporting offences against the person, i.e., murder, attempted murder, rape, other sexual offences, wounding, assaults, and other offences against the person, is that one offence is reported for each victim. When reporting offences against property, i.e., robbery, breaking and entering, theft and other offences against property, one offence is reported for each distinct or separate operation. A distinct operation means the same time location and circumstances.

Delinquency — A violation of a federal or provincial statute or a municipal by-law.

Manslaughter – Culpable homicide that is not murder or infanticide is manslaughter.

Rape – A male person commits rape when he has sexual intercourse with a female person who is not his wife, (a) without her consent, or (b) with her consent if the consent (i) is extorted by threats or fear of bodily harm, (ii) is obtained by impersonating her husband, or (iii) is obtained by false and fraudulent representations as to the nature and quality of the act.

Robbery – Force or threat of force is a necessary ingredient in robbery whereas stealing from the person may be, and usually is, done secretly. Robbery includes stealing with violence, with threats of violence, or stealing while armed.

Theft of Motor Vehicle – A motor vehicle is a vehicle which is propelled or driven otherwise than by muscular power but does not include a vehicle which operates on rails. Registration shall not be a criterion for determining whether a particular vehicle is a motor vehicle.

Uniform Crime Reporting – The Uniform Crime Reporting program surveys the police administration, crime and traffic enforcement aspects of municipal police forces in centres with a population of 750 and over, that employ full-time police personnel, federal, provincial, railway and National Harbours Board police forces.

Wounding – Everyone who with intent (a) to wound, maim or disfigure any person, (b) to endanger the life of any person, or (c) to prevent the arrest or detention of any person, discharges a firearm, air gun, or air pistol at or causes bodily harm in any way to any person, whether or not that person is the one mentioned in paragraph (a), (b) or (c), is guilty of an indictable offence.

The following definitions refer to Table 7.10:

Adjourned Indefinitely — Postponement of the hearing for an indefinite period after the child has been adjudged delinquent. These adjournments are different from those provided for in section 16 of the Juvenile Delinquents Act which take place without a finding of delinquency. It is often difficult to distinguish between these two types of adjournments on reports received. This should be kept in mind when interpreting the data.

Adjourned Sine Die — Under section 16 of the Juvenile Delinquents Act the court may postpone the hearing of a charge of delinquency for an indefinite period.

Adult Court — Under section 9 of the Juvenile Delinquents Act, the court can order that a child charged with an indictable offence be proceeded against in the criminal courts. Children dealt with in this manner must be over the age of 14 years.

Fine — Under the Juvenile Delinquents Act, the court can impose on a child who is found delinquent a fine of up to $25.00.

Juvenile Institution — Committal of a juvenile who is found delinquent to a training school or similar institution which is approved by provincial statute or by the Lieutenant Governor in Council in any province. Children dealt with in this manner must be at least twelve years of age unless such committal is deemed to be necessary for the welfare of the community and the best interests of the child.

Other Adjudications — Other decisions not constituting a finding of delinquency, such as a dismissal, withdrawal, etc.

Probation/Supervision — Order of the court directing that a juvenile who is found delinquent report periodically to a probation officer or some other designated person. Certain conditions may be attached to this order (i.e., a curfew). The juvenile may be permitted to remain in his/her home or may be placed in a foster home.

Referral to Province — Committal of a juvenile who is found delinquent to the care of the province, i.e., to the children's aid society or to the administrator or minister responsible for delinquent children. Further action, i.e., committal to a foster home, may be taken by the province.

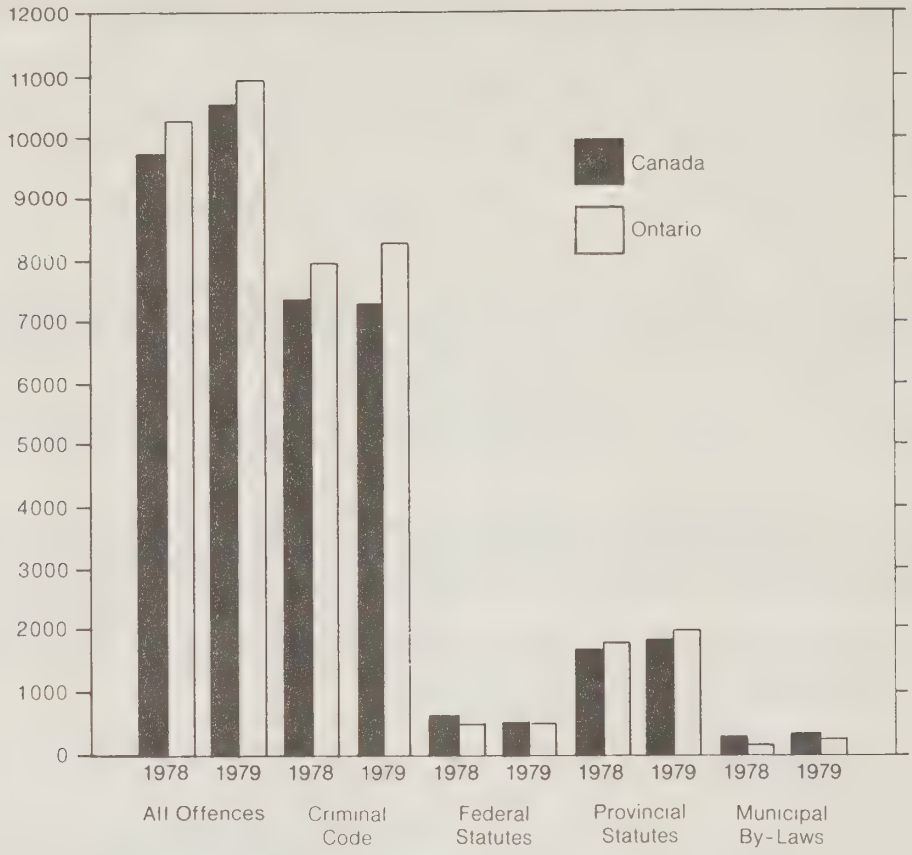
Reprimanded — Official rebuke by the judge of the juvenile court. Applies only to juveniles who are found delinquent.

Restitution — The court can order a child who is found delinquent to pay compensatory to an aggrieved person for loss of or damage to property arising out of the commission of an offence.

Suspended Disposition — Suspension, by the judge, of the determination of the action to be taken with respect to a juvenile adjudged to be a delinquent provided that certain conditions, usually determined by a probation order, are adhered to.

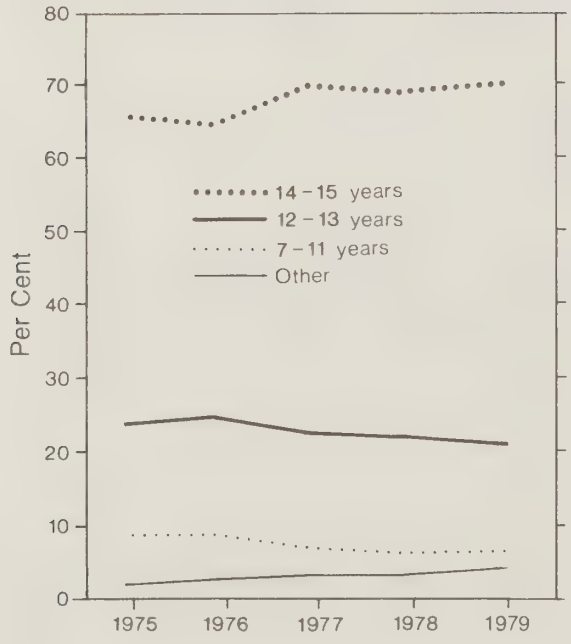
Total Delinquent — Number of accused adjudged by the court to have, contrary to the Juvenile Delinquents Act, violated a provision of the Criminal Code or of any federal or provincial statute or municipal by-law or to have been guilty of sexual immorality or a similar form of vice. This count includes those adults convicted of contributing to a child becoming a delinquent.

Graph 7.A
Rate of Offences Per 100,000 Population, Canada and Ontario, 1978 and 1979



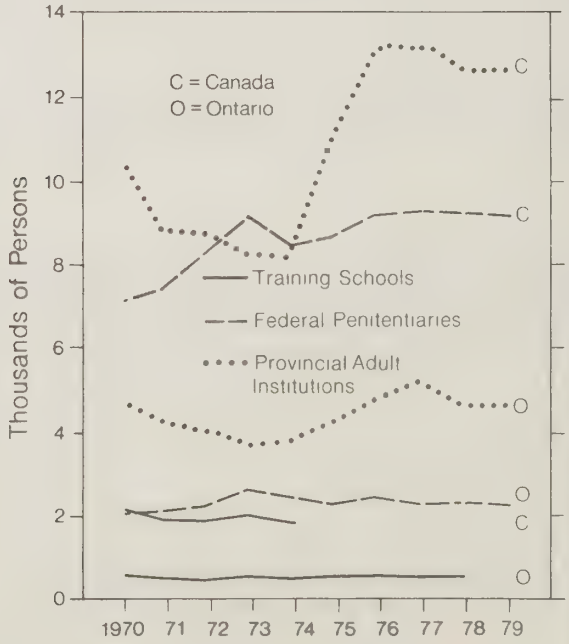
Refer to Table 7.2

Graph 7.B
Juvenile Delinquents by Age, Ontario, 1975-1979



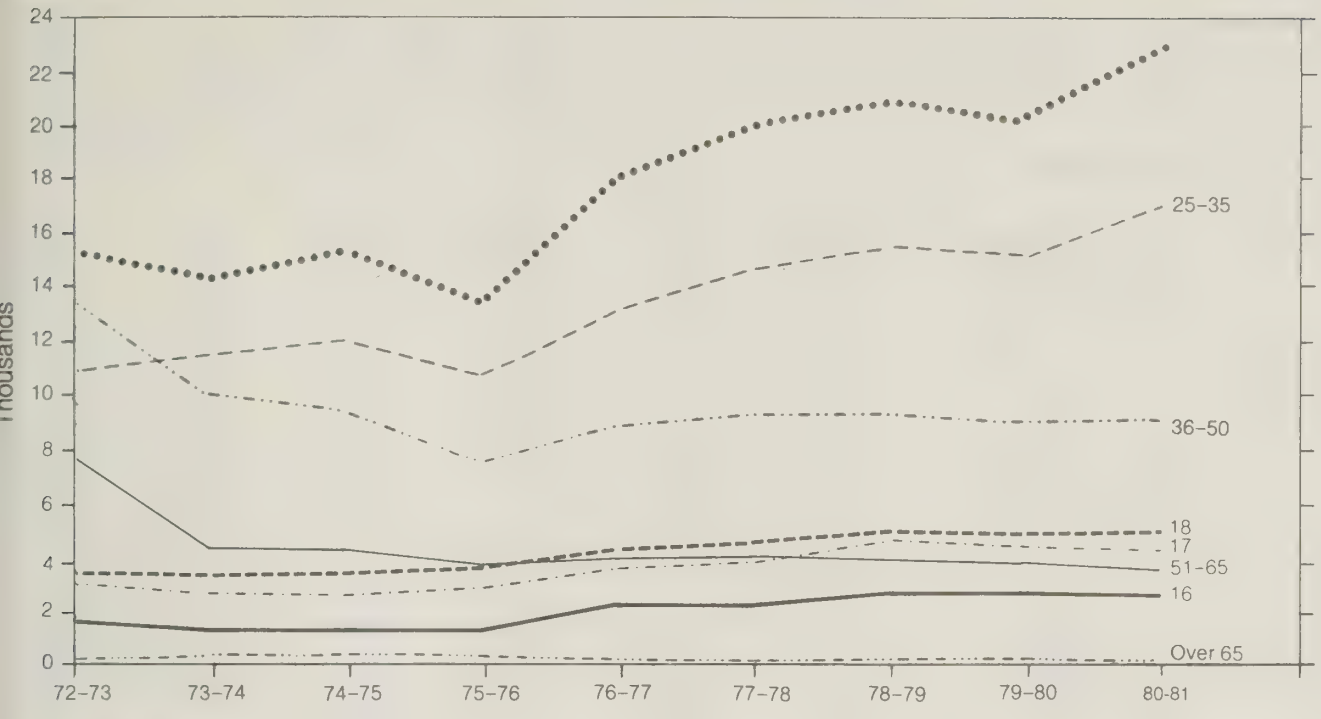
Refer to Table 7.7

Graph 7.C
Persons in Correctional Institutions, Canada and Ontario, 1970-1979



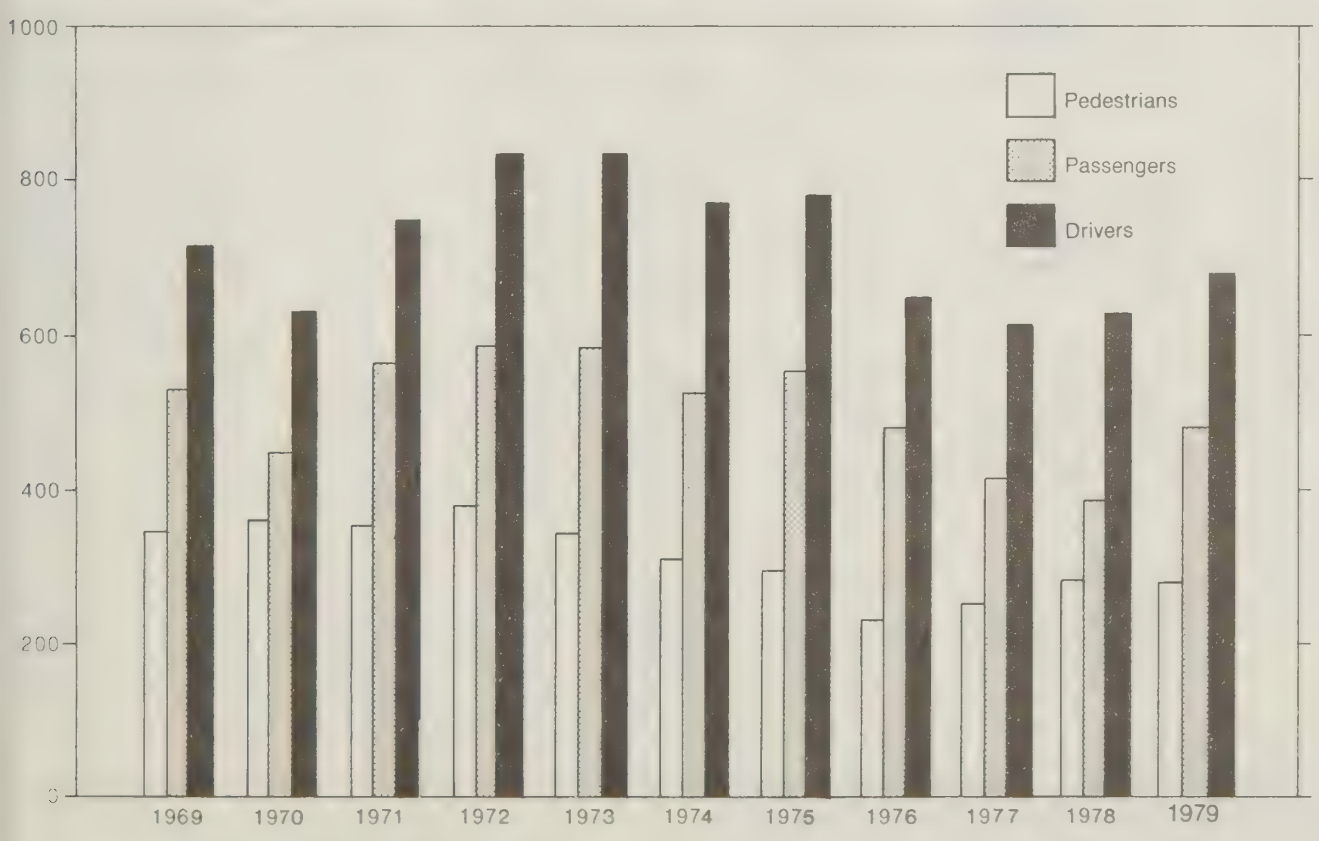
Refer to Table 7.19

Graph 7.D
Admission to Provincial Jails by Age, Ontario, 1972-73 to 1980-81



Refer to Table 7.12

Graph 7.E
Persons Killed in Motor Vehicle Accidents, Ontario, 1969-1979



Source: Ministry of Transportation and Communications
Motor Vehicle Collision Facts, and *Motor Vehicle Accident Facts*

Table 7.1
Number of Adults Charged by Offence Group, Canada and Ontario, 1972-1979[1]

		Canada			Ontario		
Year	Offence Group	Total	Male	Female	Total	Male	Female
1972	Criminal Code	215,091	187,800	27,291	90,214	77,690	12,524
	Federal Statutes[2]	42,387	38,465	3,922	18,043	16,281	1,762
	Provincial Statutes	216,874	203,450	13,424	107,769	100,432	7,337
	Municipal Statutes	39,861	35,333	4,528	5,284	4,589	695
	Total	514,213	465,048	49,165	221,310	198,992	22,318
1973	Criminal Code	239,104	206,388	32,716	99,248	84,594	14,654
	Federal Statutes[2]	63,637	57,247	6,390	28,767	25,699	3,068
	Provincial Statutes	231,161	216,162	14,999	122,549	114,619	7,930
	Municipal Statutes	35,987	31,646	4,341	5,661	4,690	971
	Total	569,889	511,443	58,446	256,225	229,602	26,623
1974	Criminal Code	252,100	217,025	35,075	103,301	87,755	15,546
	Federal Statutes[2]	68,330	61,993	6,337	28,284	25,496	2,788
	Provincial Statutes	256,365	240,509	15,856	136,146	127,295	8,851
	Municipal By-Laws	28,880	25,585	3,295	5,373	4,414	959
	Total	605,675	545,112	60,563	273,104	244,960	28,144
1975	Criminal Code	273,887	235,462	38,425	116,588	98,458	18,130
	Federal Statutes[2]	63,909	58,067	5,842	26,214	23,546	2,674
	Provincial Statutes	267,340	249,803	17,537	133,020	123,948	9,072
	Municipal By-Laws	26,400	23,440	2,960	6,034	4,865	1,169
	Total	631,536	566,772	64,764	281,856	250,811	31,045
1976	Criminal Code	297,630	254,380	43,250	129,268	108,484	20,784
	Federal Statutes[2]	75,925	68,563	7,362	29,566	26,341	3,225
	Provincial Statutes	247,870	231,870	16,000	101,745	95,070	6,675
	Municipal By-Laws	26,280	22,756	3,524	6,614	5,023	1,591
	Total	647,705	577,569	70,136	267,193	234,918	32,275
1977	Criminal Code	309,785	265,677	44,108	131,799	111,375	20,424
	Federal Statutes[2]	83,997	76,146	7,851	32,017	28,825	3,192
	Provincial Statutes	265,990	247,778	18,212	108,416	100,916	7,500
	Municipal By-Laws	26,689	23,000	3,689	6,195	4,899	1,296
	Total	686,461	612,601	73,860	278,427	246,015	32,412
1978	Criminal Code	326,269	277,263	49,006	142,431	119,435	22,996
	Federal Statutes[2]	80,630	72,513	8,117	30,725	27,592	3,133
	Provincial Statutes[1]	277,285	258,165	19,120	121,498	112,918	8,580
	Municipal By-Laws[1]	25,743	21,982	3,761	6,850	5,340	1,510
	Total	709,927	629,923	80,004	301,504	265,285	36,219
1979[p]	Criminal Code	342,081	289,930	52,151	143,357	120,194	23,163
	Federal Statutes[2]	73,971	66,522	7,449	30,439	27,174	3,265
	Provincial Statutes[1]	345,761	322,497	23,264	143,186	132,527	10,659
	Municipal By-Laws[1]	27,084	22,777	4,307	6,943	5,444	1,499
	Total	788,897	701,726	87,171	323,925	285,339	38,586

1) Traffic and related offences are not included.
2) Federal Statutes include drug offences under the Narcotic Control Act and Food and Drug Act.

Source: SC, *Crime and Traffic Enforcement Statistics (85-205)*

Table 7.2
Number of Actual Offences[1], Cleared by Charge and Otherwise, Percentage Cleared and Offence Rated per 100,000 of Population Age 7 Years and Over, Canada and Ontario, 1972-1979[2]

	1972		1973	
Offence	Canada	Ontario	Canada	Ontario
Offence				
Actual offences	1,650,231	634,009	1,809,135	690,042
Cleared by charge	582,504	251,697	641,911	286,164
Cleared otherwise	269,964	89,683	303,510	108,018
Percentage cleared	51.7	53.8	52.3	57.1
Offence rate per 100,000 population	7,562.8	8,103.5	8,188.1	8,691.9
Criminal Code[4]				
Actual offences	1,218,622	471,266	1,351,323	503,135
Cleared by charge	282,977	116,490	331,390	138,751
Cleared otherwise	166,556	71,422	186,166	78,799
Percentage cleared	36.9	39.9	38.3	43.2
Offence rate per 100,000 population	..	..	..	..
Federal Statutes[3]				
Actual offences	39,779	17,191	42,786	15,599
Cleared by charge	28,627	14,216	29,474	12,557
Cleared otherwise	6,999	2,050	7,255	1,570
Percentage cleared	89.6	94.6	85.8	90.1
Offence rate per 100,000 population	182.3	219.7	193.6	196.5
Provincial Statutes				
Actual offences	318,250	128,282	339,119	148,661
Cleared by charge	229,126	115,118	243,652	128,575
Cleared otherwise	76,216	9,478	85,566	16,540
Percentage cleared	95.9	97.1	97.1	97.6
Offence rate per 100,000 population	1,458.5	1,639.6	1,534.8	1,872.6
Municipal By-Laws				
Actual offences	73,580	17,270	75,907	22,647
Cleared by charge	41,774	5,873	37,395	6,281
Cleared otherwise	20,193	6,733	24,523	11,108
Percentage cleared	84.2	73.0	81.6	76.8
Offence rate per 100,000 population	337.2	220.7	343.6	285.3

Table 7.2 (cont'd)

Number of Actual Offences[1], Cleared by Charge and Otherwise, Percentage Cleared and Offence Rated per 100,000 of Population Age 7 Years and Over, Canada and Ontario, 1972-1979[2]

	1974		1975	
Offence	Canada	Ontario	Canada	Ontario
Offence				
Actual offences	2,009,886	758,135	2,132,507	805,694
Cleared by charge	680,916	300,150	701,145	307,293
Cleared otherwise	332,770	112,223	338,812	121,481
Percentage cleared	50.5	54.4	48.8	53.2r
Offence rate per 100,000 population	8,954.2	9,366.7	9,353.1	9,794.5
Criminal Code[4]				
Actual offences	1,456,885	539,849	1,585,805	589,624
Cleared by charge	307,450	124,852	329,260	137,855
Cleared otherwise	198,191	84,849	209,379	89,633
Percentage cleared	34.7	38.8	34.0	38.6
Offence rate per 100,000 population	6,490.5	6,669.8	6,955.3	7,167.8
Federal Statutes[3,5]				
Actual offences	102,979	37,857	100,514	37,261
Cleared by charge	77,158	31,300	72,675	29,684
Cleared otherwise	15,254	4,371	14,908	4,563
Percentage cleared	89.9	94.7	87.1	90.4
Offence rate per 100,000 population	458.8	467.7	440.8	452.2
Provincial Statutes				
Actual offences	368,716	159,730	381,388	157,896
Cleared by charge	265,468	136,189	271,346	133,981
Cleared otherwise	90,187	16,992	94,897	19,348
Percentage cleared	96.5	97.1	96.0	97.2
Offence rate per 100,000 population	1,642.7	1,973.5	1,672.5	1,919.5
Municipal By-Laws				
Actual offences	81,306	20,699	64,860	20,973
Cleared by charge	30,840	5,809	27,864	6,373
Cleared otherwise	29,138	6,011	19,628	7,937
Percentage cleared	73.7	57.1	73.3	68.2
Offence rate per 100,000 population	362.2	255.7	284.2	255.0

Table 7.2 (cont'd)

Number of Actual Offences[1], Cleared by Charge and Otherwise, Percentage Cleared and Offence Rated per 100,000 of Population Age 7 Years and Over, Canada and Ontario, 1972-1979[2]

	1976		1977	
Offence	Canada	Ontario	Canada	Ontario
Offence				
Actual offences	2,182,777	803,461	2,226,601	810,284
Cleared by charge	718,812	289,507	764,593	302,546
Cleared otherwise	359,806	129,446	352,221	122,236
Percentage cleared	49.4	52.1	50.1	52.3
Offence rate per 100,000 population	9,445.2	9,644.2	9,559.8	9,676.7
Criminal Code				
Actual offences	1,637,704	613,002	1,654,020	614,668
Cleared by charge	354,984	147,412	364,991	149,111
Cleared otherwise	220,389	97,004	219,018	92,338
Percentage cleared	35.2	39.8	35.2	39.2
Offence rate per 100,000 population	7,086.6	7,358.1	7,101.5	7,340.6
Federal Statutes[3,5]				
Actual offences	113,413	39,057	131,720	42,292
Cleared by charge	85,774	30,612	100,085	33,756
Cleared otherwise	15,807	4,639	19,836	5,146
Percentage cleared	89.6	90.3	91.0	92.0
Offence rate per 100,000 population	490.7	468.8	565.6[r]	505.1[r]
Provincial Statutes				
Actual offences	367,482	128,794	379,588	135,785
Cleared by charge	250,847	104,496	272,047	113,297
Cleared otherwise	103,194	18,895	96,182	18,887
Percentage cleared	96.4	95.8	96.9	97.3
Offence rate per 100,000 population	1,590.1	1,546.0	1,629.7	1,621.6
Municipal By-Laws				
Actual offences	64,178	22,608	61,273	17,539
Cleared by charge	27,207	6,987	27,470	6,382
Cleared otherwise	20,416	8,908	17,185	5,865
Percentage cleared	74.2	70.3	72.8	69.7
Offence rate per 100,000 population	277.7	271.4	263.0	209.4

Table 7.2 (cont'd.)
Number of Actual Offences[1], Cleared by Charge and Otherwise, Percentage Cleared and Offence Rate per 100,000 of Population Age 7 Years and Over, Canada and Ontario, 1972-1979[2]

	1978		1979[p]	
Offence	Canada	Ontario	Canada	Ontario
Offence				
Actual offences	2,305,965	866,507	2,485,630	928,800
Cleared by charge	804,199	330,858	828,228	356,275
Cleared otherwise	360,819	125,744	402,322	132,347
Percentage cleared	50.4	52.6	49.5	52.6
Offence rate per 100,000 population	9,820.5	10,262.0	10,500.9	10,922.8
Criminal Code				
Actual offences	1,714,297	660,660	1,855,271	698,436
Cleared by charge	384,666	164,388	384,208	166,670
Cleared otherwise	224,637	96,777	255,131	100,930
Percentage cleared	35.5	39.5	34.5	38.3
Offence rate per 100,000 population	7,300.7	7,824.2	7,242.3	8,213.7
Federal Statutes[3]				
Actual offences	134,031	43,637	122,557	45,013
Cleared by charge	103,185	33,896	85,772	33,599
Cleared otherwise	21,105	5,585	26,604	8,103
Percentage cleared	92.7	90.5	91.7	92.6
Offence rate per 100,000 population	571.0	516.9	517.8	529.4
Provincial Statutes				
Actual offences	398,324	147,080	438,204	166,853
Cleared by charge	289,635	125,246	330,178	147,831
Cleared otherwise	95,372	18,234	93,467	16,072
Percentage cleared	96.6	97.4	96.7	98.2
Offence rate per 100,000 population	1,696.3	1,741.8	1,851.3	1,962.2
Municipal By-Laws				
Actual offences	59,313	15,130	69,598	18,498
Cleared by charge	26,713	7,328	28,070	8,193
Cleared otherwise	19,700	5,148	27,120	7,242
Percentage cleared	78.3	82.5	79.3	83.4
Offence rate per 100,000 population	252.5	179.1	294.0	217.5

1) Traffic and related offences not included.
2) From 1972, rates for any year were calculated on total population as of June 1 of that year.
3) Federal Statutes include drugs.
4) Criminal Code values for Canada and Ontario, 1972 and 1973 were calculated from the values given for "All Offences", "Federal Statutes", "Provincial Statutes" and "Municipal By-Laws".
5) Federal Statute values for Canada and Ontario, 1974 and 1975, were calculated from the values given for "Federal Statutes—Drugs" and "Other Federal Statutes".

Source: SC, *Crime and Traffic Enforcement Statistics, (85-205).*

Table 7.3
Rate of Actual Offences[1] per 100,000 Population (For the Uniform Crime Reporting Offence Classification), by Province, Canada, 1979

Offence	Canada	Ontario	Newfound-land	Nova Scotia	New Brunswick	Prince Edward Island	Québec
Murder[2]	2.4	1.8	0.4	1.7	1.4	0.0	2.8
Attempted Murder	3.2	2.3	0.5	1.8	1.1	0.0	3.8
Manslaughter	0.1	0.1	0.3	0.1	0.0	0.0	0.0
Rape	9.7	7.0	5.9	8.5	3.5	0.8	8.7
Other Sexual Offences	42.8	44.9	29.2	30.9	26.7	17.2	41.4
Wounding	9.7	9.4	0.8	5.1	3.1	1.6	6.4
Assaults (not indecent)	471.1	512.3	396.4	441.4	428.6	340.2	225.0
Robbery	89.0	54.7	13.1	37.8	22.0	4.9	175.8
Breaking and Entering	1,262.4	1,111.5	662.8	905.3	853.2	697.5	1,456.2
Theft Motor Vehicle	389.4	331.9	122.1	258.3	314.2	172.9	444.9
Theft Over $200	723.7	740.0	245.2	418.3	400.5	210.6	742.9
Theft $200 and Under	2,198.2	2,458.2	1,621.1	1,716.2	1,400.0	1,358.1	1,494.7
Have Stolen Goods	89.4	139.7	23.5	43.2	47.7	23.7	23.0
Frauds	390.4	414.4	298.8	257.9	185.1	277.8	233.4
Prostitution	5.4	11.3	0.1	0.9	0.1	0.0	1.4
Gaming and Betting	13.0	29.9	1.4	1.4	8.9	1.6	4.8
Offensive Weapons	65.1	78.8	29.7	72.3	60.0	23.7	22.7
Other Criminal Code	2,135.3	2,307.1	1,766.0	2,338.9	2,155.5	2,150.8	1,233.5
Other Federal Statutes	245.4	217.6	185.2	149.4	144.0	143.4	252.2
Addictive Opiate Like Drugs	15.9	17.7	5.3	7.8	13.5	22.1	13.8
Cannabis (Marihuana)	242.0	270.5	185.0	379.3	220.5	190.9	95.3
Controlled Drugs	4.4	8.7	0.0	2.6	1.1	2.4	1.7
Restricted Drugs	13.8	18.3	2.1	6.6	8.3	22.1	4.9
Provincial Statutes	1,866.1	1,976.0	1,284.0	3,946.5	1,868.7	3,660.6	86.5
Municipal By-Laws	296.4	219.0	67.6	150.1	203.8	30.3	379.7
All Offences	10,585.6	10,999.7	6,947.7	11,183.3	8,372.8	9,354.0	6,956.8

Table 7.3 (cont'd.)
Rate of Actual Offences[1] per 100,000 Population (For the Uniform Crime Reporting Offence Classification), by Province, Canada, 1979

Offence	Manitoba	Saskat-chewan	Alberta	British Columbia	Northwest Territories	Yukon
Murder[2]	3.5	3.8	2.6	3.5	16.0	18.4
Attempted Murder	7.2	5.4	3.7	3.2	4.5	13.8
Manslaughter	0.6	0.2	0.2	0.2	0.0	0.0
Rape	13.8	11.1	15.0	16.7	80.4	41.4
Other Sexual Offences	43.4	25.3	48.2	53.1	82.8	59.9
Wounding	17.2	13.9	15.6	14.6	66.6	23.0
Assaults (not indecent)	385.6	525.3	651.0	795.2	3,540.2	2,488.5
Robbery	74.4	29.1	71.3	86.8	41.3	73.7
Breaking and Entering	1,179.2	1,086.1	1,343.2	1,687.5	2,388.5	2,235.0
Theft Motor Vehicle	409.7	368.7	511.8	470.9	836.7	944.7
Theft Over $200	675.1	540.9	873.7	909.4	875.8	1,299.5
Theft $200 and Under	2,408.8	1,974.2	2,507.9	3,341.7	3,464.3	5,009.2
Have Stolen Goods	74.8	70.9	151.3	95.6	101.1	147.4
Frauds	465.9	551.3	532.1	615.0	719.5	1,064.5
Prostitution	1.3	0.3	5.3	3.8	2.2	0.0
Gaming and Betting	0.9	1.5	4.7	0.5	11.4	9.2
Offensive Weapons	85.1	77.4	102.0	83.7	427.5	373.2
Other Criminal Code Code	2,259.8	2,093.0	2,323.7	3,474.7	6,501.1	5,649.7
Other Federal Statutes	244.6	328.0	512.4	157.1	381.6	682.0
Addictive Opiate Like Drugs	5.3	5.5	18.1	27.3	43.5	32.2
Cannabis (Marihuana)	193.6	249.2	464.6	323.0	535.6	695.8
Controlled Drugs	2.2	1.7	4.7	1.5	4.5	0.0
Restricted Drugs	6.5	11.0	32.3	16.7	16.0	23.0
Provincial Statutes	1,742.9	5,861.1	4,772.8	1,109.1	24,811.4	11,552.9
Municipal By-Laws	96.5	112.9	350.4	590.1	643.6	82.9
All Offences	10,399.3	13,948.7	15,320.0	13,881.8	45,597.7	32,520.7

1) Traffic and related offences not included.
2) Includes first and second degree murder.
Note: 1979 figures are preliminary.

Source: SC, *Crime and Traffic Enforcement Statistics, (85-205)*

Table 7.4
Summary and Rate of Crime per 100,000 Population, by Selected Police Jurisdiction, Ontario 1979

	Rate					Number			
		Criminal Code							
	All Offences	Total	Crimes of Violence	Property Crimes	Other	Federal Statutes Drugs	Other Federal Statutes	Provincial Statutes	Municipal By-Laws
Sarnia	18,379.1	14,043.9	983.5	7,109.8	5,905.5	109	3	1,386	869
Brantford	16,276.4	14,050.6	1,204.0	8,878.4	3,968.1	112	7	465	954
Thunder Bay	16,226.2	11,246.8	811.4	7,110.4	3,324.9	185	8	3,029	2,325
Hamilton-Wentworth	13,371.6	11,276.1	1,020.6	6,949.6	3,505.7	2,458	27	6,023	113
Kingston	13,428.8	11,427.1	307.6	8,566.2	2,553.1	74	2	1,074	73
London	13,027.1	9,962.5	895.1	6,266.4	2,800.9	598	151	6,796	230
Peterborough	11,343.4	9,903.5	409.4	6,626.0	2,868.0	70	17	704	60
Windsor	13,614.4	12,193.7	1,149.4	7,223.8	3,820.4	168	129	1,589	900
North Bay	9,913.7	7,586.2	500.0	5,233.3	1,852.9	87	11	1,030	59
Niagara Regional Police Force	11,001.6	9,999.4	573.6	6,407.0	3,018.7	292	22	3,211	156
Durham Regional Police Force	10,434.5	8,003.1	661.0	4,582.9	2,759.0	1,011	569	4,592	84
Ottawa	11,632.5	10,274.4	642.5	7,714.2	1,917.6	197	52	2,722	1,121
Waterloo Regional Police Force	8,888.5	7,795.3	565.6	5,553.1	1,676.4	555	34	2,470	178
Toronto	9,404.8	7,371.9	620.1	4,731.1	2,020.5	6,894	442	35,969	2,631
Peel Regional Police Force	9,414.6	8,174.8	717.7	4,950.1	2,506.9	1,277	38	3,499	215
Guelph	8,796.6	7,302.9	312.7	4,604.4	2,385.6	113	1	896	55
Halton Regional Police Force	9,889.7	8,111.5	489.1	5,206.0	2,416.3	508	59	3,049	561
Nepean (Twp.)	8,668.2	7,698.7	281.7	5,381.7	2,035.3	0	5	347	443
Sault Ste. Marie	9,832.2	8,115.5	807.4	4,649.6	2,658.3	192	9	675	506
York Regional Police Force	7,002.8	5,207.7	258.7	3,569.0	1,379.9	395	50	3,362	29
Sudbury Regional Police Force	7,955.7	6,662.9	389.0	4,649.9	1,623.9	244	8	1,725	10

Note: 1979 figures are preliminary.

Source: SC, *Crime and Traffic Enforcement Statistics, 1978, (85-205).*

Table 7.5
Number of Juveniles[1] Charged by Offence Group, Canada and Ontario, 1972-1979[2]

		Canada			Ontario		
	Offence Group	Total	Male	Female	Total	Male	Female
1972	Criminal Code	52,319	46,277	6,042	14,019	12,063	1,956
	Federal Statutes[3]	2,081	1,510	571	542	382	160
	Provincial Statutes	9,474	6,080	3,394	2,349	1,562	787
	Municipal By-Laws	1,241	1,107	134	82	82	-
	Total	65,115	54,974	10,141	16,992	14,089	2,903
1973	Criminal Code	58,305	51,324	6,981	15,775	13,653	2,122
	Federal Statutes[3]	3,607	2,767	840	738	544	194
	Provincial Statutes	10,958	6,957	4,001	2,272	1,542	730
	Municipal By-Laws	1,115	1,016	99	74	70	4
	Total	73,985	62,064	11,921	18,859	15,809	3,050
1974	Criminal Code	64,033	56,474	7,559	18,190	15,605	2,585
	Federal Statutes[3]	4,580	3,666	914	1,072	892	180
	Provincial Statutes	11,065	7,339	3,726	2,578	1,796	782
	Municipal By-Laws	1,426	1,255	171	68	64	4
	Total	81,104	68,734	12,370	21,908	18,357	3,551
1975	Criminal Code	71,212	62,832	8,380	18,590	16,068	2,522
	Federal Statutes[3]	4,145	3,328	817	978	796	182
	Provincial Statutes	11,817	7,467	4,350	2,205	1,515	690
	Municipal By-Laws	1,617	1,420	197	70	67	3
	Total	88,791	75,047	13,744	21,843	18,446	3,397
1976	Criminal Code	71,120	61,862	9,258	18,318	15,488	2,830
	Federal Statutes[3]	4,672	3,738	934	999	804	195
	Provincial Statutes	12,058	7,727	4,331	1,868	1,274	594
	Municipal By-Laws	1,023	949	74	72	69	3
	Total	88,873	74,276	14,597	21,257	17,635	3,622
1977	Criminal Code	69,553	60,660	8,893	16,718	14,526	2,192
	Federal Statutes[3]	4,448	3,569	879	1,153	889	264
	Provincial Statutes	12,581	8,440	4,141	2,063	1,514	549
	Municipal By-Laws	1,035	929	106	52	47	5
	Total	87,617	73,598	14,019	19,986	16,976	3,010
1978	Criminal Code	70,392	60,872	9,520	17,518	14,953	2,565
	Federal Statutes[3]	4,366	3,664	702	1,187	976	211
	Provincial Statutes	11,927	8,197	3,730	2,081	1,590	491
	Municipal By-Laws	722	616	106	59	52	7
	Total	87,407	73,349	14,058	20,845	17,571	3,274
1979[4]	Criminal Code	155,150	. .	. .	51,902	. .	. .
	Federal Statutes[3]	6,789	. .	. .	3,513	. .	. .
	Provincial Statutes	23,724	. .	. .	10,179	. .	. .
	Municipal By-Laws	2,162	. .	. .	755	. .	. .
	Total	187,825	. .	. .	66,349	. .	. .

1) A juvenile in Ontario is an individual who has not yet reached his or her 16th birthday. In other provinces, this age does vary.
2) Traffic and related offences are not included.
3) Federal Statutes includes drug offences under the Narcotics Control Act and the Food and Drug Act.
4) Figures for 1979 are preliminary and refer to all juveniles who were processed by the police, both formally and informally. Alterations in the unit of count reflect changing circumstances in some provinces that no longer formally charge juveniles.

Source: SC, *Crime and Traffic Enforcement Statistics (85-205)*

Table 7.6

Nature of the Court Decision[1] Rendered for Juveniles Charged[2], Canada[3] and Ontario, 1975-1979

	1975		1976		1977		1978		1979	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada[5]	Ontario
Adjourned Sine Die[4]	6,577	2,184	7,037	2,790	5,635	2,334	2,914	1,379	2,082	1,233
Adult Court	125	7	184	3	101	—	123	2	121	6
Other Adjudications	4,067	1,666	4,960	1,934	3,954	1,645	3,544	1,483	3,076	1,446
Found Delinquent	35,381	12,769	36,878	11,152	35,751	9,941	38,287	10,272	26,817	10,578
Juvenile Institution	1,807	900	1,561	731	1,532	635	1,516	696	1,699	723
Referral to Province	727	194	922	318	1,014	365	1,330	508	1,160	518
Probation Supervision	11,209	4,992	12,173	4,745	11,454	4,607	12,276	4,565	10,059	4,554
Fine/Restitution	9,700	1,303	11,583	1,285	11,509	1,138	11,766	1,166	5,331	1,310
Adjourned Indefinitely[4]	6,173	1,743	5,318	1,190	5,400	1,226	7,197	1,416	4,165	1,711
Suspended Disposition	3,934	3,389	3,536	2,712	2,520	1,713	2,905	1,514	2,518	1,423
Reprimanded	973	85	1,209	42	1,363	44	1,261	35	804	22
Other Not Known	858	163	576	129	959	213	1,036	372	1,081	317
Total	46,150	16,626	49,059	15,879	45,441	13,920	44,868	13,136	32,096	13,263

1) Only the most serious court decision rendered for each individual is included in this table. Figure shown represents number of persons, not number of appearances.
2) This table includes adults charged with contributing to delinquency.
3) For the years 1975 to 1978, British Columbia, Prince Edward Island and the Northwest Territories are not included in the 'Canada' figures. For 1979 British Columbia and the Northwest Territories are excluded. Provincial traffic and liquor offences for the province of Manitoba are not included in the 'Canada' total for all years.
4) The proportion of cases adjourned sine die with and without a finding of deliquency changed significantly in 1978 and again in 1979. This is due to a change in data processing procedures.
5) There is a sharp decline in the total number of juveniles dealt with in Canadian courts between 1978 and 1979. Approximately 90% of this decline can be attributed to the implementation of the Youth Protection Act in the province of Quebec.

Source: SC, *Justice Statistics Division.*

Table 7.7
Sex and Age[1] of Juveniles Appearing in Court for Charges of Delinquency, Canada and Ontario, 1975-1979

		Age					
		7–11	12–13	14–15	16–17[2]	Other[3]	Total
Canada[4]							
1975	M	2,047	6,043	18,230	10,007	1,273	37,600
	F	254	1,245	3,869	2,999	183	8,550
	T	2,301	7,288	22,099	13,006	1,456	46,150
1976	M	1,930	6,441	19,012	11,169	1,462	40,014
	F	272	1,403	3,992	3,159	219	9,045
	T	2,202	7,844	23,004	14,328	1,681	49,059
1977	M	1,418	5,560	17,665	10,612	1,392	36,647
	F	166	1,209	3,705	3,488	226	8,794
	T	1,584	6,769	21,370	14,100	1,618	45,441
1978	M	1,223	5,364	17,575	10,672	1,636	36,470
	F	167	1,099	3,695	3,202	235	8,398
	T	1,390	6,463	21,270	13,874	1,871	44,868
1979[5]	M	1,171	4,515	15,186	4,980	1,210	27,062
	F	141	928	3,092	661	212	5,034
	T	1,312	5,443	18,278	5,641	1,422	32,096
Ontario							
1975	M	1,304	3,141	9,027	...	295	13,767
	F	189	748	1,870	...	52	2,859
	T	1,493	3,889	10,897	...	347	16,626
1976	M	1;197	3,113	8,426	...	359	13,095
	F	191	742	1,795	...	56	2,784
	T	1,388	3,855	10,221	...	415	15,879
1977	M	872	2,560	7,784	...	377	11,593
	F	103	550	1,617	...	57	23,327
	T	975	3,110	9,401	...	434	13,920
1978	M	718	2,368	7,395	...	416	10,897
	F	94	452	1,631	...	62	2,239
	T	812	2,820	9,026	...	478	13,136
1979	M	733	2,250	7,587	. . .	360	10,930
	F	100	454	1,674	. . .	105	2,333
	T	833	2,704	9,261	. . .	465	13,263

1) Age is the age at the time the delinquency was committed.
2) Only the provinces of Newfoundland, British Columbia, Manitoba and Quebec have age limits greater than fifteen years. In the first two provinces the limit is under seventeen years; in the latter two, it is under eighteen years. The age limit for females in Alberta was under eighteen years until October, 1978, at which time it was lowered to under sixteen years.
3) Other includes adults charged with contributing to delinquency and persons whose age is not known.
4) For the years 1975 to 1978, British Columbia, Prince Edward Island and the Northwest Territories are not included in the 'Canada' figures. For 1979 British Columbia and the Northwest Territories are excluded. Provincial traffic and liquor offences for the province of Manitoba are not included in the 'Canada' total for all years.
5) There is a sharp decline in the total number of juveniles dealt with in Canadian courts between 1978 and 1979. Approximately 90% of this decline can be attributed to the implementation of the Youth Protection Act in the province of Quebec.

Source: SC, *Justice Statistics Division*

Table 7.8
Number of Juveniles[1] Charged by Nature of the Delinquency[2], Canada[3] and Ontario, 1975-1979

Nature of Delinquency	1975		1976		1977		1978		1979	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada[5]	Ontario
Break and Enter	9,622	3,302	10,327	3,386	9,492	3,013	9,646	2,989	7,716	2,774
Theft	12,730	5,676	13,674	5,260	10,877	3,920	11,029	3,445	8,473	3,672
Possess. Stolen Goods	2,207	1,173	2,524	1,074	2,910	1,052	2,308	932	1,698	887
Mischief	2,917	1,053	3,310	1,128	2,789	911	2,944	892	2,369	913
Take car	791	328	766	342	767	349	666	283	604	314
Auto Offence – C. Code	586	63	688	50	699	66	796	85	570	60
Forgery and Fraud	449	155	444	165	447	127	476	141	360	148
Violent Crimes[4]	1,924	624	2,063	719	1,945	623	2,063	672	1,884	733
Narcotic Offences	1,406	369	1,747	428	1,651	424	1,523	348	1,086	432
Prov. Traffic Offence	2,799	732	3,358	653	3,807	636	3,343	602	1,408	578
Prov. Liquor Offence	5,298	1,193	4,866	865	4,549	839	3,739	763	1,844	844
Prov. School Offence	274	145	393	213	499	354	513	371	560	407
Municipal By-Laws	397	97	576	48	783	55	1,282	45	170	33
Other Offence	4,750	1,716	4,323	1,548	4,226	1,551	4,540	1,568	3,354	1,468
Total	46,150	16,626	49,059	15,879	45,441	13,920	44,868	13,136	32,096	13,263

1) This table includes adults charged with contributing to delinquency.
2) For each person, only the delinquency for which the most serious court action was taken is included in this table.
3) For the years 1975 to 1978, British Columbia, Prince Edward Island and the Northwest Territories are not included in the 'Canada' figures. For 1979 British Columbia and the Northwest Territories are excluded. Provincial traffic and liquor offences for the province of Manitoba are not included in the 'Canada' total for all years.
4) Includes the following criminal code offences: assaults, sexual offences, murder and attempted murder, manslaughter and robbery.
5) There is a sharp decline in the total number of juveniles dealt with in Canadian courts between 1978 and 1979. Approximately 90% of this decline can be attributed to the implementation of the Youth Protection Act in the province of Quebec.

Source: SC, *Justice Statistics Division*.

Table 7.9
Persons in Correctional Institutions[1] by Type of Institution, Canada and Ontario, 1970-1979

	Training Schools[2]		Federal Penitentiaries		Provincial Adult Institutions	
	Canada	Ontario	Canada	Ontario	Canada[4]	Ontario
1970						
Males	1,501	417	7,015	2,009	10,170	4,534
Females	742	189	93	86	425	195
1971						
Males	1,308	412	7,376	2,029	8,421	4,087
Females	651	113	107	106	406	186
1972						
Males	1,269	389	8,126	2,160	8,353	3,871
Females	608	83	127	126	389	161
1973						
Males	863[3]	633[5]	8,945	2,510	7,846	3,508
Females	557[3]	–	166	166	413	172
1974						
Males	793[3]	593[5]	8,368	2,288	7,754	3,626
Females	535[3]	–	131	131	376	138
1975						
Males	. .	411[6]	8,583	2,174	10,764	4,112
Females	. .	119[6]	117	117	513	164
1976						
Males	. .	447[6]	9,137	2,289	12,556	4,676
Females	. .	127[6]	148	148	515	189
1977[r]						
Males	. .	448[6]	9,203	2,160	12,529	4,640[7]
Females	. .	112[6]	130	130	473	148[7]
1978[r]						
Males	. .	. .	9,164	2,149	12,167	4,371
Females	. .	. .	144	144	558	166
1979[p]						
Males	. .	. .	9,148	2,130	12,224	4,390
Females	. .	. .	142	142	562	186

1) The Correctional Institutions Statistics program covers all provincial adult institutions, but it does not necessarily include all RCMP guard-houses, training centers, or forestry camps.
2) These figures show the province where inmates were in custody as of December 31, not necessarily the province where they were convicted.
3) The totals for Canada exclude number from Ontario.
4) This may not indicate the total female population since the sex breakdown is not available for certain institutions.
5) These totals represent data provided by S.C. More recent figures acquired from the Ontario Ministry of Correctional Services take into account the effect of special Christmas leaves-of-absence. These are as follows:

	M	F	Total
1973 (from Count Sheet dated Dec. 30/73)	426	151	577
1974 (from Count Sheet dated Dec. 30/74)	383	134	517

6) These figures are supplied by the Ontario Ministry of Correctional Services from count sheets dated Dec. 29/75, Dec. 27/76 and Dec. 26/77.
7) Based on weekly counts as of midnight on Thursdays submitted to the Ontario Ministry of Correctional Services: 1976 (from Count

Source: SC, *Correctional Institutions Statistics (85-207) and the Ontario Ministry of Correctional Services.*

Table 7.10
Movement of Jail[1] Population, Ontario, 1976-77 to 1980-81

	1976 – 77		1977 – 78		1978 – 79		1979 – 80		1980-81	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Movement of Jail Population - In										
Remaining in custody on remand[2]	939	41	1,326	28	1,970	73	1,831	104	1,644	83
Remaining in custody for other reasons[2]	1,541	60	1,653	74	1,060	20	1,272	44	1,664	73
Readmitted from bail where released on bail previous year[3]	198	5	41	2	69	7	101	23	57	9
Transferred from other institutions	5,744	517	4,719	373	5,639	430	7,933	523	6,051	530
Admitted during year	51,678	3,113	55,380	3,692	57,602	4,232	56,206	4,495	60,969	4,807
Total in Custody During Year	60,100	3,736	63,119	4,169	66,340	4,762	67,343	5,189	70,385	5,502
Movement of Jail Population - Out										
Number released on bail	7,462	511	12,700	1,045	11,606	956	10,675	986	11,475	912
Acquitted and released	266	34	944	79	665	56	814	68	614	31
Released by order of judge or court without trial	363	28	1,192	147	3,054	641	3,626	833	1,799	115
Paid fines and were released	13,888	1,003	9,010	659	10,713	494	12,542	355	15,031	1,488
Placed on probation with or without supervision[4]	824	59	1,280	119	779	94	758	58	277	11
Released for any other reason	1,441	97	383	23	571	16	630	30	568	25
Released to immigration	950	231	811	233	548	129	494	192	781	336

Table 7.10 (cont'd.)
Movement of Jail[1] Population, Ontario, 1976-77 to 1980-81

	1976 – 77		1977 – 78		1978 – 79		1979 – 80		1980-81	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Movement of Jail Population - Out (cont'd)										
Discharged on expiration of sentence	21,007	1,134	20,301	1,123	20,840	1,398	21,917	1,611	21,561	1,601
Transferred to other institutions[5]	11,138	520	13,440	647	14,452	830	12,570	900	15,180	828
Died before trial	10	-	5	1	5	–	1	–	–	–
Died while serving sentence	10	3	7	-	3	–	4	–	6	–
Escaped and not recaptured during year	5	-	16	-	1	–	4	–	–	–
Remaining in custody on remand[3]	1,036	46	1,970	73	1,831	104	1,644	83	1,732	85
Remaining in custody serving unexpired sentences, awaiting trial or for other reasons[3]	1,700	70	1,060	20	1,272	44	1,664	73	1,361	70
Total	60,100	3,736	63,119	4,169	66,340	4,762	67,343	5,189	70,385	5,502

1) Those facilities which usually hold those persons on relatively shorter sentences, act as an initial point of entry, or as "holding tanks".
2) Data is as of March 31 the previous fiscal year.
3) Data is as of March 31 of each year.
4) Previous to 1979 – 1980 this was: "Released on probation and/or suspended sentence".
5) The term "other institutions" includes longer term correctional institutions, training schools, penitentiaries, hospitals, etc.

Source: Ministry of Correctional Services, *Report of the Minister.*

Table 7.11
Use of Jail[1] and Detention Centre Accommodation, by Institution, Ontario, 1980-81[2]

Institution	Year Opened	Accommodation		Greatest Number of Inmates		Least Number of Inmates		Average Daily Population		Number committed Indictable Offences	Number committed Non-indictable Offences	Total Days Stay of Inmates[4]
		M	F	M	F	M	F	M	F			
Jails												
Barrie	1843	75	8	89	9	42	–	65	2	893	1,421	24,722
Brantford	1852	38	3	54	–	26	–	40	–	1,027	257	14,715
Brockville	1842	21	3	36	7	10	–	22	–	157	382	8,249
Chatham	1850	47	–	49	–	15	–	37	–	360	423	13,469
Cobourg	1906	36	3	43	2	10	–	26	–	166	246	9,603
Cornwall	1833	20	1	37	1	12	–	23	–	382	172	8,738
Fort Frances	1907	19	3	22	3	5	–	12	–	115	239	4,684
Guelph	1853	40	–	54	–	21	–	37	–	386	73	9,223
Haileybury	1923	38	3	39	3	14	–	24	–	224	123	9,072
Kenora	1928	70	29	99	25	18	–	60	12	584	1,398	26,839
Lindsay	1863	30	6	49	2	10	–	22	–	348	196	8,446
L'Orignal	1828	20	–	23	–	5	–	11	–	116	88	4,220
Monteith	1965	26	–	31	–	6	–	17	–	332	309	6,529
North Bay	1928	67	6	87	3	25	–	43	–	466	342	16,027
Owen Sound	1869	40	6	42	2	12	–	28	–	174	328	10,546
Parry Sound	1878	44	6	41	4	13	–	25	–	356	349	9,483
Pembroke	1866	24	4	35	2	9	–	18	–	167	281	6,791
Perth	1864	24	2	28	2	–	–	15	–	119	234	5,794
Peterborough	1866	24	1	42	3	7	–	27	–	362	556	10,065
Sarnia	1961	58	1	65	2	18	–	40	–	341	515	14,790
Sault Ste. Marie	1914	57	4	75	7	31	–	50	2	563	597	19,234
Stratford	1887	36	–	45	–	19	–	29	–	164	252	10,846
Sudbury	1928	118	11	99	12	51	1	74	5	844	1,078	29,303
Thunder Bay	1923	92	5	78	7	31	–	56	1	722	879	21,172
Toronto[3] (New Section)	1958	319	–	486	–	313	–	385	–	7,509	2,397	140,868
Walkerton	1866	32	2	41	2	13	–	24	–	223	183	8,829
Whitby	1958	80	4	138	12	53	–	93	5	1,011	883	36,804
Windsor	1925	91	10	111	21	51	–	79	3	1,452	968	30,275

Table 7.11 (cont'd.)
Use of Jail[1] and Detention Centre Accommodation, by Institution, Ontario, 1980-81[2]

Institution	Year Opened	Accommodation M	Accommodation F	Greatest Number of Inmates M	Greatest Number of Inmates F	Least Number of Inmates M	Least Number of Inmates F	Average Daily Jail Population M	Average Daily Jail Population F	Number committed Indictable Offences	Number committed Non-indictable Offences	Total Days Stay of Inmates[4]
Detention Centres												
Elgin Middlesex	1977	156	16	237	19	107	3	172	10	1,732	2,088	66,638
Hamilton-Wentworth[4]	1978	240	20	330	35	193	10	251	21	2,135	3,190	99,752
Niagara	1973	120	–	158	–	68	–	119	–	993	1,317	43,638
Toronto East	1977	340	–	398	–	275	–	330	–	3,675	1,691	120,533
Toronto West	1977	280	100	353	93	224	38	282	61	4,825	2,755	125,052
Ottawa-Carleton	1972	176	10	189	23	43	4	147	10	1,777	1,039	57,750
Quinte	1971	108	6	126	9	57	–	92	3	707	1,171	35,047
Waterloo	1978	60	–	94	–	43	–	66	–	826	902	24,486
Wellington	1980	58	–	88	–	38	–	57	–	161	60	6,220
Totals		...	...	...	...	...	...	...	...	36,394	29,382	1,097,732

Those facilities which usually hold those persons on relatively shorter sentences, act as initial points of entry, or as "holding tanks".
Figures are as of March 31, 1981, for a one year period.
Includes Hendrie and Hillsdale Forestry Camps.
Basis of Total Days Stay changed in 1979/80 to reflect official count as of midnight each day not the greater number of the day.

Source: Ministry of Correctional Services, *Report of the Minister*.

Table 7.12

Admissions to Provincial Jail[1] by Age and Sex, Ontario, 1971-72 to 1980-81[2]

		Total	Under 16 Years	16 Years	17 Years	18 Years	19-24 Years	25-35 Years	36-50 Years	51-65 Years	Over 65 Years
1971 – 72	M	60,901	20	1,772	2,924	3,432	16,365	11,921[3]	15,332[4]	8,673[5]	462[6]
	F	3,533	8	153	190	167	854	795[3]	918[4]	424[5]	24[6]
	T	64,434	28	1,925	3,114	3,599	17,219	12,716[3]	16,250[4]	9,097[5]	486
1972 – 73	M	53,198	20	1,704	2,871	3,195	14,528	10,321[3]	12,845[4]	7,410[5]	304[6]
	F	3,231	6	148	205	170	787	709[3]	799[4]	393[5]	14[6]
	T	56,429	26	1,852	3,076	3,365	15,315	11,030[3]	13,644[4]	7,803[5]	318
1973 – 74	M	45,838	12	1,439	2,609	3,161	13,520	10,874	9,621	4,101	501
	F	2,738	6	110	167	209	730	781	503	209	23
	T	48,576	18	1,549	2,776	3,370	14,250	11,655	10,124	4,310	524
1974 – 75	M	46,827	19	1,345	2,531	3,199	14,549	11,385	9,084	4,214	501
	F	2,547	7	81	154	190	763	720	478	145	9
	T	49,374	26	1,426	2,685	3,389	15,312	12,105	9,562	4,359	510
1975 – 76	M	41,967	54	1,402	2,659	3,380	13,052	10,106	7,390	3,496	428
	F	2,326	4	77	153	161	568	779	401	173	10
	T	44,293	58	1,479	2,812	3,541	13,620	10,885	7,791	3,669	438
1976 – 77	M	51,678	73	2,160	3,432	4,018	17,185	12,335	8,488	3,831[7]	156[8]
	F	3,113	10	152	203	258	944	841	489	195[7]	21[8]
	T	54,791	83	2,312	3,635	4,276	18,129	13,176	8,977	4,026[7]	177[8]
1977 – 78	M	55,380	67	2,121	3,676	4,226	18,762	13,785	8,774	3,843[7]	126[8]
	F	3,692	18	192	270	308	1,276	950	505	171[7]	2[8]
	T	59,072	85	2,313	3,946	4,534	20,038	14,735	9,279	4,014[7]	128[8]
1978 – 79	M	57,602	69	2,450	4,174	4,399	19,629	14,371	8,634	3,738[7]	138[8]
	F	4,232	13	242	360	347	1,423	1,075	599	173[7]	–[8]
	T	61,834	82	2,692	4,534	4,746	21,052	15,446	9,233	3,911[7]	138[8]
1979 –80	M	56,206	56	2,422	4,024	4,378	19,319	13,883	8,318	3,670[7]	136[8]
	F	4,495	17	261	346	343	1,421	1,258	623	223[7]	3[8]
	T	60,701	73	2,683	4,370	4,721	20,740	15,141	8,941	3,893[7]	139[8]
1980-81	M	60,969	37	2,477	4,194	4,749	21,560	15,683	8,523	3,612	134
	F	4,807	4	238	348	362	1,649	1,365	638	200	3
	T	65,776	41	2,715	4,542	5,111	23,209	17,048	9,161	3,812	137

1) These facilities which usually hold those persons on relatively shorter sentences, act as initial point of entry, or as "holding tanks".
2) Data are for a year duration, ending March 31.
3) For the years 1971-1972 and 1972-1973 the age group is 25 to 34 years.
4) For the years 1971-1972 and 1972-1973 the age group is 35 to 49 years.
5) For the years 1971-1972 and 1972-1973 the age group is 50 to 69 years.
6) For the years 1971-1972 and 1972-1973 the age group is over 69 years.
7) For the years 1976-77, on the age group is 51 to 70 years.
8) For the years 1976-77, on the age group is 71 years and over.

Source: Ministry of Correctional Services, *Report of the Minister*.

Table 7.13
Motor Vehicle Accidents, Ontario 1950-1979

Year	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage Only	Killed	Injured
1950	43,681	678	13,871	29,132	791	19,940
1951	54,920	824	15,653	38,443	949	22,557
1952	58,515	893	16,300	41,322	1,010	23,634
1953	65,866	920	16,639	48,307	1,082	24,353
1954[1]	62,509	897	16,810	44,802	1,045	24,607
1955	63,219	971	17,905	44,343	1,111	26,246
1956	71,399	1,008	19,358	51,033	1,180	28,626
1957	76,302	1,089	20,433	54,780	1,279	30,414
1958	76,884	965	20,575	55,344	1,112	30,106
1959	81,518	1,006	21,502	59,010	1,187	31,602
1960	87,186	987	23,714	62,485	1,166	34,436
1961	85,577	1,098	25,643	58,836	1,268	37,146
1962	94,231	1,139	28,667	64,425	1,383	41,766
1963	104,919	1,222	32,718	70,979	1,421	47,801
1964	111,232	1,202	36,527	73,503	1,424	54,560
1965	128,462	1,318	41,047	86,097	1,611	60,917
1966	139,781	1,347	44,246	94,188	1,596	65,210
1967	145,008	1,400	45,023	98,585	1,719	67,280
1968	155,127	1,346	47,719	106,062	1,586	71,520
1969	169,395	1,410	50,136	117,849	1,683	74,902
1970[2]	141,609	1,300	50,372	89,937	1,535	75,126
1971	158,831	1,498	56,117	101,216	1,769	84,650
1972	189,494	1,620	63,541	124,333	1,934	95,181
1973	193,021	1,625	65,335	126,061	1,959	97,790
1974	204,271	1,470	66,352	136,449	1,748	98,673
1975	213,689	1,520	65,811	146,358	1,800	97,034
1976	211,865	1,265	58,028	152,572	1,511	83,736
1977	218,567	1,213	63,787	153,567	1,420	95,664
1978[3]	186,363	1,263	62,664	122,436	1,450	94,979
1979	197,196	1,316	67,201	128,679	1,560	101,321

1) In April, 1954, the amount for a property-damage-only collision was raised from $50.00 to $100.00.
2) On January 1, 1970, the minimum reportable amount for a property-damage-only collision was raised to over $200 from over $100.
3) On January 1, 1978 the reporting criterion for property-damage-only accidents was raised from $200 to $400.

Source: Ministry of Transportation and Communications, Public and Safety Information Branch.

Table 7.14
Motor Vehicle Accidents, by County, Ontario, 1979

		Accidents			Persons	
	Total Accidents	Fatal	Personal Injury	Property Damage	Killed	Injured
Ontario	197,196	1,316	67,201	128,679	1,560	101,321
Algoma	3,906	35	1,224	2,647	41	1,818
Brant	2,492	21	841	1,630	27	1,271
Bruce	1,334	17	448	869	18	782
Cochrane	1,949	17	579	1,353	23	886
Dufferin	840	13	297	530	17	522
Dundas	315	2	107	206	3	190
Durham	5,508	51	1,935	3,522	58	3,228
Elgin	1,418	18	515	885	24	789
Essex	7,873	61	2,928	4,884	70	4,308
Frontenac	2,351	13	754	1,584	13	1,101
Glengarry	528	6	182	340	7	267
Grenville	516	9	199	308	13	307
Grey	1,462	13	486	963	16	827
Haldimand-Norfolk	1,973	28	706	1,239	32	1,107
Haliburton	424	5	155	264	7	278
Halton	6,033	33	2,080	3,920	39	3,242
Hamilton-Wentworth	10,003	58	3,882	6,063	64	5,781
Hastings	2,389	27	885	1,477	28	1,327
Huron	1,255	19	443	793	22	741
Kenora	1,341	14	457	870	20	762
Kent	2,633	28	939	1,666	31	1,387
Lambton	2,617	16	882	1,719	26	1,331
Lanark	1,107	11	375	721	11	611
Leeds	1,155	13	440	702	19	674
Lennox & Addington	662	9	240	413	12	411
Manitoulin	284	2	115	167	2	191
Middlesex	7,570	48	2,799	4,723	54	4,155
Muskoka	1,220	15	443	762	18	783
Niagara	8,715	57	2,979	5,679	63	4,484
Nipissing	1,788	22	648	1,118	26	1,013
Northumberland	1,490	18	537	935	21	871
Ottawa-Carleton	13,168	64	3,718	9,386	74	5,251
Oxford	1,925	17	661	1,247	26	986
Parry Sound	1,032	19	357	656	27	637
Peel	10,159	43	3,362	6,754	47	5,145
Perth	1,444	18	466	960	23	792
Peterborough	2,320	20	820	1,480	23	1,248
Prescott	758	19	230	509	21	402
Prince Edward	376	5	140	231	5	194
Rainy River	639	6	173	460	9	277
Renfrew	1,930	22	648	1,260	26	1,053
Russell	377	6	143	228	7	232
Simcoe	5,263	58	1,823	3,382	73	3,085
Stormont	1,600	11	548	1,041	14	837
Sudbury District	3,696	40	1,378	2,278	51	2,173
Thunder Bay	5,039	36	1,471	3,532	42	2,252
Timiskaming	946	9	263	674	9	403
Victoria	1,001	16	380	605	19	634
Waterloo	7,216	29	2,339	4,848	32	3,412
Wellington	2,749	30	940	1,779	34	1,549
York	52,407	149	17,841	34,417	173	25,314

Source: Ministry of Transportation and Communications, Public and Safety Information Branch.

Section 8

Recreation and Tourism

Highlights

- **Recreation** – Per capita expenditure on motion picture entertainment in 1979 was $13.19 in Ontario and $12.16 in Canada. Of the 1,070 motion picture theatres in Canada in 1979, 279 or 26.1 per cent were situated in Ontario. These 279 theatres had a seating capacity of 202,752. The number of theatres in Toronto was 65 or 23.3 per cent of the Ontario total. In 1979 Ontario had 34.7 per cent of Canada's car capacity for drive-in theatres, and 90 (or 30.8 per cent) of the 292 drive-in theatres in Canada.

  Between 1965 and 1975 the number of campers jumped 79.7 per cent from 902,472 to 1.6 million. Since 1975 this rapid increase has not been maintained, and the number of campers has in fact decreased from 1975 to 1980 by 18.6 per cent. Over the five years 1976 to 1980 camper origin changed by several percentage points. In 1976, 75 per cent came from Ontario, 8 per cent from other provinces and 17 per cent from the U.S.A. In 1980 these percentages were respectively 78 per cent, 7 per cent, and 15 per cent.

  In terms of total hotels there was a 2.3 per cent increase in the number of establishments from 1,227 in 1977 to 1,255 in 1978. The number of available guest rooms increased by 0.9 per cent from 61,874 in 1977 to 62,415 in 1978.

  There was a 2.1 per cent increase in the number of Canadians returning from the U.S. between the years 1979 and 1980 to a mark of 15.2 million. This surpasses the high point reached in 1970 by 9.0 per cent.

  The number of U.S. visitors entering Canada has fluctuated over the past few years and reached a high of 38.5 million persons in 1980. This is 23.4 per cent higher than the 1979 mark and 9.4 per cent higher than the 1974 record high of 35.2 million. In 1980, Ontario provided the port of entry for 70.1 per cent of the American visitors to Canada, of which 90.4 per cent arrived by automobile.

  Of the 1,263,800 non-North American travellers entering Ontario in 1980 Europe accounted for 64.0 per cent followed by the Asian countries with 17.3 per cent. Ontario provided the port of entry for 58.4 per cent of foreign visitors to Canada.

Definitions

Days-Nights Stay – The days or nights stay of a person travelling in a country other than that in which he usually resides. Unless otherwise stated, total days or nights stay for returning citizens and residents is the time spent outside of Canada and includes days or nights en route. Data are derived from continuous questionnaire surveys and not from hotel statistics. Included are nights spent in all types of accommodation, such as hotels, motels, hostels, tourist or private homes, camping out, etc.

Direct to Canada - Via the United States – These designations are used in overseas travel and are determined on the basis of entry for visitors and re-entry for Canadians. Persons travelling directly to Canada from overseas countries are considered as direct travellers and those travelling to Canada through or by way of the United States are referred to as travellers via the United States. Expenditures in the United States by Canadians travelling to and from overseas countries via the United States are included in the travel payments to the United States.

Free Time Activities – Any recreational activities or leisure time activities that would be included in the categories of arts, crafts and hobbies, relaxing indoors, exercising, relaxing outdoors, education, informal social activities, community and service activities and home improvement or maintenance.

The collection document used in the survey did not define, except by example where necessary, the categories of events and activities listed. Hence, respondents may have reported under "live theatre" anything from attendance at a school play to attendance at professional theatre. In like fashion, the response to "walking for exercise" may range from rigorous hiking to a leisurely stroll in the park, while swimming may represent either competitive swimming or an occasional dip at the pool.

Household – A person or a group of persons occupying one dwelling unit is defined as a "household". The number of households will therefore be equal to the number of occupied dwellings.

The following note on coverage applies to all tables sourced "Household Facilities and Equipment":

The survey was carried out in conjunction with the Labour Force Survey. Households were chosen by area sampling methods.

The sample for this survey is designed to represent all households in Canada with certain exceptions. Excluded are: households in the Yukon and Northwest Territories, households on Indian reserves, institutional households, military camps, other collective-type households such as those living in hotels, large lodging houses, clubs, logging and construction camps; certain private households living in trailers, in summer cottages, on boats, etc.

Leisure-Time Activity – The questionnaire specified that only "conscious leisuretime activities" should be reported. That is, listening to the car radio while driving to work, or listening to records while doing the housework, were not to be included as leisure-time activities. Also, professional or semi-professional sports activities were not to be reported.

Other Traveller Methods – Pedestrians, bicycles, motorcycles, etc.

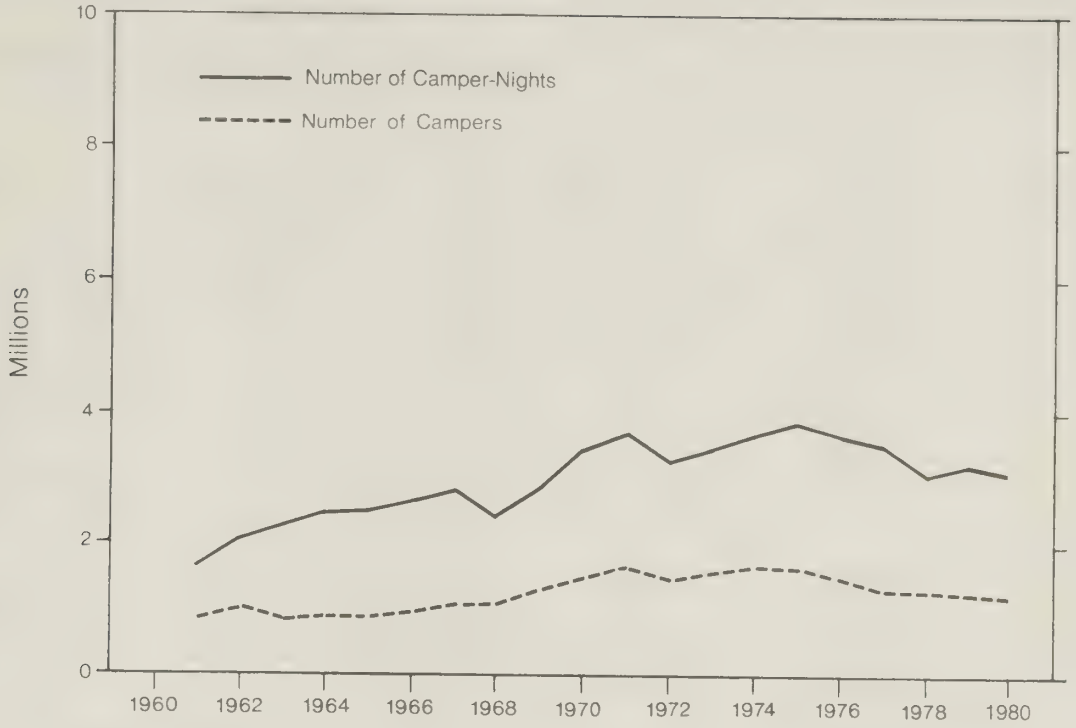
Overseas Countries – All countries other than the United States of America. Overseas includes the countries of Puerto Rico, St. Pierre and Miquelon, and the Virgin Islands and other United States protectorates. In the case of returning citizens and residents, Hawaii is considered as a United States destination (since 1976).

Recreational Activities – For purposes of the Ontario Recreation Survey all activities in which the respondent participates without being paid, which was not part of a school curriculum, or which was done for fund raising are considered recreation.

Returning Citizen and Resident – An international traveller, resident of Canada, who returns to Canada from abroad through a Customs and Immigration point after an absence of less than one year.

Graph 8.A

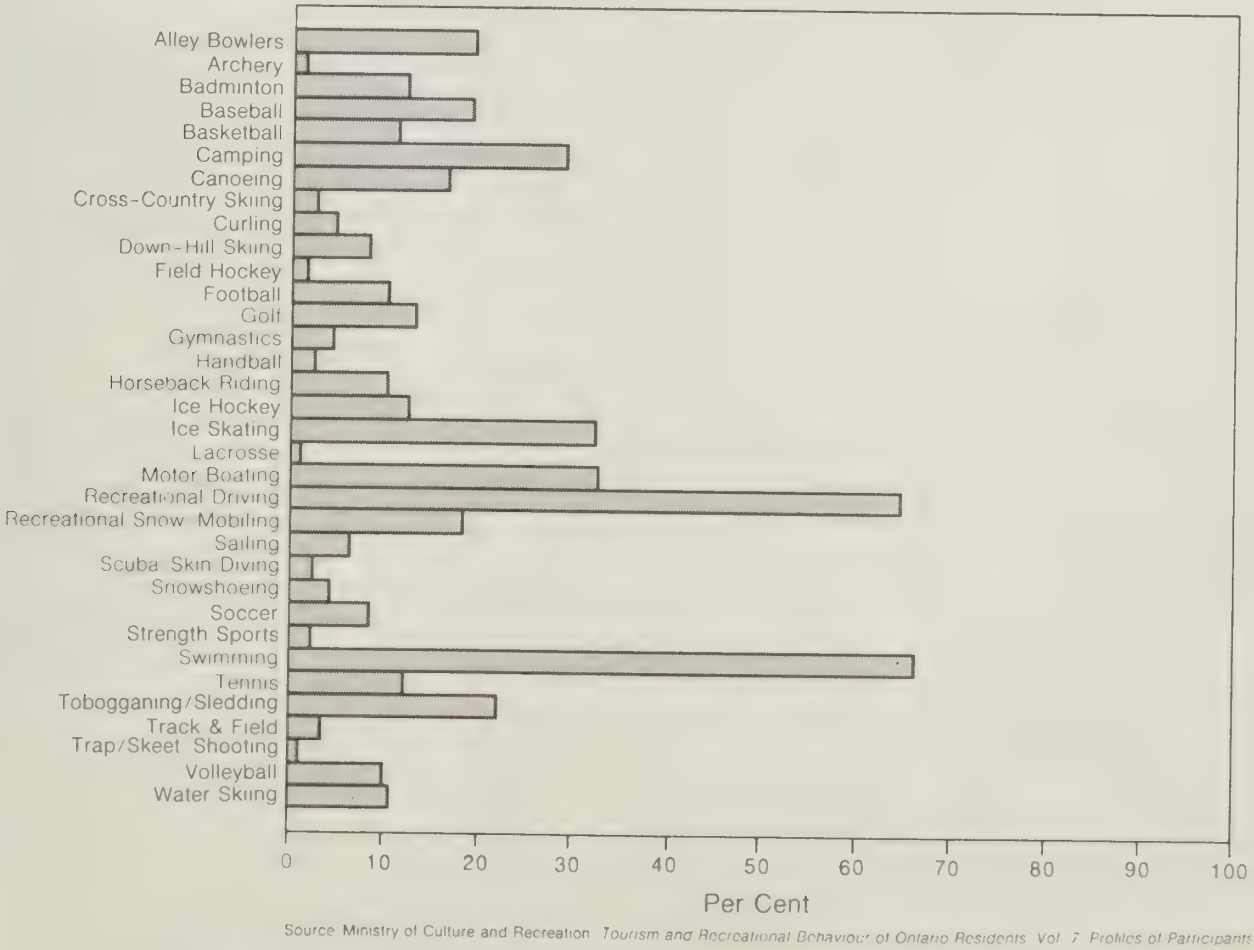
Provincial Park Camping Attendance, 1961-1980



Refer to Table 8.2

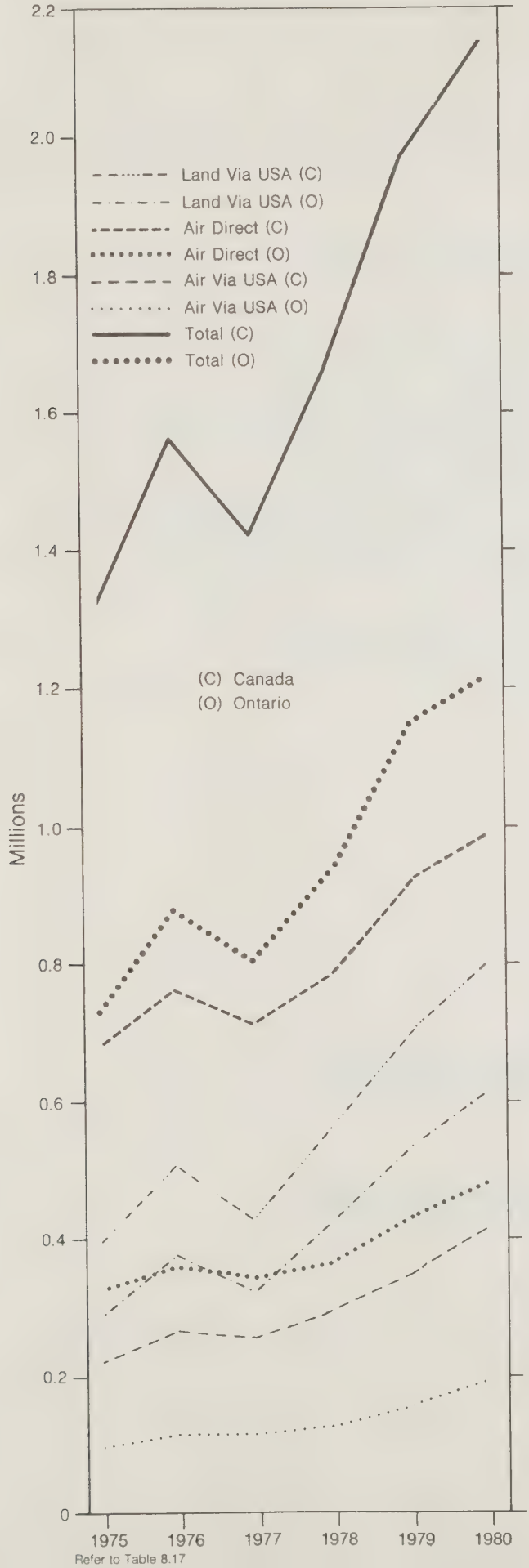
Graph 8.B

Participation in Selected Recreational Activities by Rate, Ontario, 1974



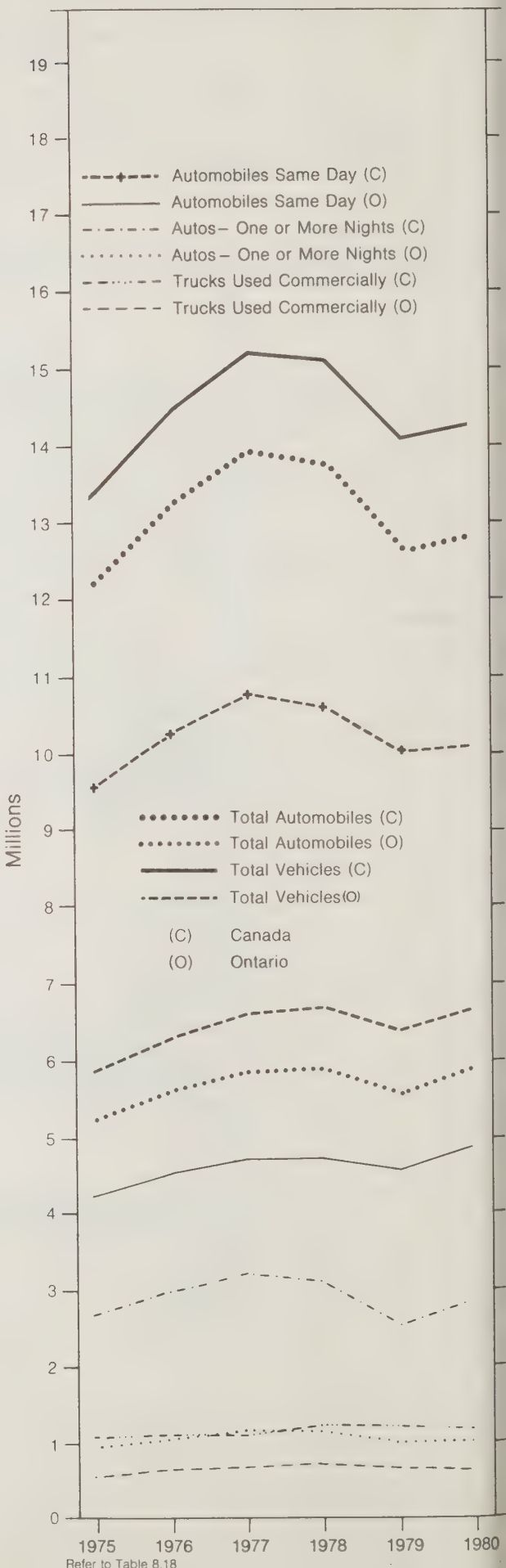
Source: Ministry of Culture and Recreation, *Tourism and Recreational Behaviour of Ontario Residents, Vol. 7, Profiles of Participants*

Graph 8.C
Residents of Countries Other than U.S.A. Entering Canada by Type of Transportation, Canada and Ontario, 1975-1980



Refer to Table 8.17

Graph 8.D
Canadian Vehicles Returning from the United States, Canada and Ontario, 1975-1980



Refer to Table 8.18

Table 8.1
Provincial Parks Summary, Ontario 1961-1980

Fiscal Year	Parks	Area (hectares)	Total Permit and Recorded Visitations[1]	Total Interpretive Contacts[2]	Developed Campsites
1961	77	1,402,610	3,135,921	399,167	10,591
1962	81	1,408,755	3,866,433	487,395	12,745
1963	86	1,495,846	4,234,021	495,014	13,951
1964	88	1,501,955	4,549,292	531,300	14,622
1965	89	1,514,377	4,217,351	469,914	15,427
1966	92	1,516,444	4,466,445	545,021	15,922
1967	94	1,520,081	4,644,129	579,850	16,201
1968	96	1,522,989	4,517,674	661,598	17,298
1969	97	3,391,055	5,359,290	774,097	18,039
1970	108	4,142,672	6,185,012	754,021	18,296
1971	113	4,161,263	6,524,459	892,760	18,941
1972	115	4,193,825	5,303,131	796,709	19,983
1973	115	4,210,802	5,872,470	894,314	20,209
1974	117	4,215,236	5,762,457	919,286	20,036
1975	121	4,235,651	6,227,032	1,454,270	20,332
1976	122	4,359,196	5,911,905	1,485,340	19,851
1977	126	4,360,485	5,789,217	1,900,016	20,035
1978	128	4,272,236	5,250,417	1,803,156	20,176
1979	128	4,255,388	5,469,460	1,401,256	20,723
1980	131	4,256,729	5,517,193	1,277,229	20,723

1) In Visitor Days being the sum of average occupants/vehicle x number of daily vehicle permits issued + average occupants/vehicle x number of annual vehicle permits x 10 + number of occupants per bus + number of camper nights + group day-use visitors + group camping camper nights + interior camping camper nights.
2) Park visitors who have participated in programmes run by Parks Visitor Services (e.g., museum attendance, guided nature hikes, etc.)

Source: Ministry of Natural Resources, Ontario Provincial Parks Annual Statistical Reports.

Table 8.2
Provincial Park Camping Attendance, Ontario 1961-1980

Fiscal Year	Camper Origin: Ontario	Other Provinces	USA	Campers	Camper Nights	Average length of stay (days)	July-Aug. Occupancy[1] (%)	Average party size (persons)
1961	71	6	23	862,559	1,725,118	2.0	–	4.0
1962	70	6	24	1,063,127	2,126,254	2.0	–	4.0
1963	64	7	29	840,491	2,353,375	2.8	–	4.0
1964	66	6	28	916,281	2,495,556	2.7	–	4.0
1965	63	7	30	902,472	2,495,284	2.8	50	4.0
1966	66	6	28	994,787	2,653,055	2.7	52	4.1
1967	61	10	29	1,155,091	2,805,143	2.4	44	4.2
1968	69	7	24	1,119,912	2,457,801	2.2	51	–
1969	–	–	–	1,360,639	2,956,214	2.2	55	–
1970	68	6	26	1,531,528	3,524,322	2.3	60	3.9
1971	–	–	–	1,618,948	3,788,525	2.3	62	3.9
1972	–	–	–	1,498,479	3,291,559	2.2	53	3.4
1973	–	–	–	1,600,817	3,547,215	2.2	58	2.8
1974	–	–	–	1,615,677	3,702,059	2.3	62	2.8
1975	–	–	–	1,621,887	3,979,473	2.5	66	2.7
1976	75	8	17	1,515,353	3,766,796	2.5	64	3.0
1977	73	9	18	1,371,039	3,571,581	2.6	58	2.5
1978	77	9	14	1,324,808	3,116,421	2.3	54	2.6
1979	77	8	15	1,355,733	3,259,752	2.4	56	2.6
1980	78	7	15	1,319,762	3,195,477	2.4	57	2.6

1) $\%\ \text{occupancy} = \frac{\text{number of campsite nights occupancy (July-Aug)}}{\text{Total number of developed campsites in parks x 62}} \times 100$

Source: Ministry of Natural Resources, Ontario Provincial Parks Annual Statistical Reports.

Table 8.3
Provincial Parks, Summary Table of Economic Impacts, 1979

	Millions of Dollars	Man-years
Revenue to Crown	17.9	. . .
Direct[1]	6.6	. . .
Indirect[2]	11.3	. . .
Impact in Income Terms		
Direct Effect[3]	61.9	1,843
Park Programme Expenditures	24.4	1,136
Park Visitor Expenditures	37.5	707
Indirect, Induced Effect[4]	70.2	3,342
Park Programme Expenditures	43.2	1,728
Park Visitor Expenditures	27.0	1,614
Total Impact in Income Terms[5]	132.1	5,185
Total Impact in Output Terms (Sales)[6]	230.3	. . .

1) To Ontario government resulting from permit and concession revenues in provincial parks.
2) To Ontario government resulting from all taxes on programme and visitor expenditures.
3) Sum of direct expenditures by provincial park programme and park day users and campers.
4) Sum of indirect and induced effects through successive rounds of spending in the economy resulting from initial direct expenditures.
5) Sum of direct, indirect and induced effects, in income terms, to the Ontario economy.
6) Impact in output terms (or amount of sales) due to initial direct expenditures.

Source: Econometric Research Ltd., *The Economic Impact of Provincial Park Expenditures in Ontario*, February, 1981.

Table 8.4
Number of Person-trips and Expenditure by Travellers in Ontario, by Origin, 1979-1980

Origin	Number of Person-Trips		Expenditure	
	1979	1980	1979	1980 [p]
	000's		$ Millions of current	
Ontario	88,750	94,320	4,536	5,210
Other Provinces	11,780	12,260	714	804
United States	20,879	26,989	920	965
Other Countries	1,161	1,264	450	503
Total	122,570	134,833	6,620	7,482

Source: SC, Ministry of Industry and Tourism, Tourism Marketing Information Services.

Table 8.5
Overnight Camping Equipment and Boats, Canada and Ontario, Selected Years, 1976-1980[1]

	1976		1978		1980	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
			'000's			
Overnight Camping Equipment						
Tent Trailer	306	118	307	108	324	108
Tent	942	335	1,241	467	1,333	500
Travel Trailer	260	83	330	94	321	88
Truck Camper	156	41	203	52	229	57
Other	41	11	66	17	42	. . .
% of Households With Equipment[2,3]	23.5	21.6	27.1	24.6	27.0	24.5
Boats						
Canoe	257	122	363	165	406	170
Sailboat	77	42	96	45	106	62
Rowboat, Skiff, Dory	202	66	251	92	287	90
Outboard Motor Boat	559	250	575	254	608	225
Other	45	21	46	17	50	20
% of Households With Boats[2,3]	14.1	15.9	14.8	16.2	15.5	16.3

1) Figures are as of May.
2) For the number of total households and an explanation of the coverage, see Table 9 4 and the introductory note at the beginning of Chapter 9.
3) Sum of kinds of camping equipment (boats) is greater than total households with camping equipment (boats) since some households have more than one kind.

Source: SC, *Household Facilities and Equipment (64-202)*

Table 8.6
Outboard Motors, Canada and Ontario, Selected Years, 1970-1980[1]

	Total Households[2]	Households with Outboard Motors[3]	Households without Outboard Motors[3]
		'000's	
1970			
Canada	5,784	605	5,179
Ontario	2,140	264	1,876
1972			
Canada	6,111	671	5,441
Ontario	2,275	293	1,982
1974			
Canada	6,513	669	5,843
Ontario	2,440	283	2,157
1976			
Canada	6,949	559	6,390
Ontario	2,606	250	2,356
1978			
Canada	7,320	575	6,745
Ontario	2,741	254	2,487
1980			
Canada	7,807	819	6,988
Ontario	2,910	332	2,577

1) For 1974, figures are as of April; all other years, figures are as of May.
2) See introductory note of this chapter for an explanation of the coverage.
3) 1976 and 1978 figures refer to motor boats.

Source: SC, *Household Facilities and Equipment.*

Table 8.7
Vacation Homes[1], Canada and Ontario, Selected Years, 1974-1980[2]

	Total Households[3]	Households with Vacation Homes	Households without Vacation Homes
		'000's	
1974			
Canada	6,513	478	6,035
Ontario	2,440	187	2,252
1976			
Canada	6,949	477	6,471
Ontario	2,606	193	2,413
1978			
Canada	7,320	473	6,846
Ontario	2,741	186	2,555
1980			
Canada	7,807	495	7,312
Ontario	2,910	185	2,725

1) Excludes trailers or any other mobile homes.
2) For 1974, figures are as of April. For 1976 and 1978 figures are as of May.
3) See introductory note of this chapter for an explanation of the coverage.

Source: SC, *Household Facilities and Equipment.*

Table 8.8

Adult-size Bicycles, Canada and Ontario, 1976-1980[1]

	1976		1977		1978		1979		1980	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
	'000's									
Total Households[2]	6,949	2,606	7,119	2,666	7,320	2,741	7,558	2,813	7,807	2,910
Households With Adult-Size Bicycles[3]										
One	1,387	533	1,492	569	1,604	618	1,632	622	1,794	676
Two Or More	1,333	540	1,399	546	1,467	564	1,631	604	1,668	617
Households Without Adult-Size Bicycles	4,229	1,533	4,228	1,551	4,248	1,558	4,296	1,587	4,345	1,617

1) Year as of April 1975; and May 1976, 1977 and 1978.
2) See introductory note of this chapter for an explanation of the coverage.
3) Bicycles owned and used by persons 14 years of age and over. From 1978, bicycles owned and used by persons 15 years of age and over.

Source: SC, *Household Facilities and Equipment, (64-202)*

Table 8.9

Snowmobiles, Canada and Ontario, 1975-1980

	1975		1976		1977		1978		1980	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
	'000's									
Total Households[2]	6,721	2,523	6,949	2,606	7,119	2,666	7,320	2,741	7,807	2,910
Households With Snowmobiles										
One Snowmobile	500	161	495	164	532	167	518	174	564	192
Two or More Snowmobiles	173	72	185	78	183	72	192	79	197	84
Households Without Snowmobiles	6,048	2,290	6,268	2,364	6,404	2,427	6,610	2,488	7,046	2,634

1) For 1975 figures are as of April, all others – as of May.
2) See introductory note of this chapter for an explanation of the coverage.

Source: SC, *Household Facilities and Equipment, (64-202)*

Table 8.10
Principal Statistics of Motion Picture Theatres, by Selected City, Canada and Ontario[1], 1974-1979

	Establishments	Seating Capacity	Receipts from Admissions (excluding Taxes)	Amusement[4] Taxes	Number of Paid Admissions	Potential Number of Admissions	Average Admission Price[2]
			$'000's		'000's		$
1974							
Canada	1,116	643,406	149,720	11,184	79,020	509,207	1.89
Ontario	285	205,477	56,135	5,616	29,127	183,726	1.93
Toronto	67	57,103	19,660	2,040	8,793	57,113	2.24
Hamilton	14	10,586	3,397	326	1,660	9,813	2.05
Ottawa	11	9,215	4,564	443	2,318	10,149	1.97
London	8	6,295	2,339	232	1,148	8,037	2.04
Windsor	7	6,966	1,923	194	933	9,343	2.06
1975							
Canada	1,173	666,591	183,139	13,406	84,161	525,035	2.16
Ontario	294	210,271	69,522	6,975	31,405	185,464	2.21
Toronto	61	52,330	21,952	2,182	8,791	56,177	2.50
Hamilton	14	10,499	3,624	359	1,598	10,516	2.27
Ottawa	11	9,163	5,317	524	2,348	9,977	2.26
London	8	6,261	2,728	263	1,176	8,503	2.32
Windsor	7	6,862	..[3]	..[3]	..[3]	..[3]	2.24
1976							
Canada	1,129	652,524	192,462	14,098	82,328	533,732	2.34
Ontario	283	202,029	70,882	7,099	29,964	189,957	2.37
Toronto	55	49,497	22,161	2,196	8,301	55,126	2.67
Hamilton	14	10,826	3,818	373	1,608	10,849	2.37
Ottawa	11	9,163	5,530	545	2,403	10,800	2.30
London	8	6,277	2,746	273	1,126	8,513	2.44
Windsor	7	6,305	..[3]	..[3]	..[3]	..[3]	2.30
1977							
Canada	1,094	642,915	197,813	12,529	76,455	479,923	2.59
Ontario	274	200,109	72,872	5,625	28,194	167,164	2.58
Toronto	57	54,930	26,523	2,060	9,230	58,157	2.87
Hamilton	14	10,743	4,069	273	1,609	9,761	2.53
Ottawa	12	10,463	5,980	418	2,403	10,242	2.48
London	9	6,706	3,053	..[3]	1,190	7,770	2.57
Windsor	7	6,305	..[3]	..[3]	..[3]	..[3]	2.54
1978							
Canada	1,079	637,757	218,358	9,777	81,597	465,726	2.68
Ontario	278	203,618	83,232	2,647	30,871	166,680	2.70
Toronto	58	57,067	31,091	1,420	10,462	58,322	2.97
Hamilton	14	10,718	4,116	..[3]	1,583	9,627	2.60
Ottawa	12	10,491	7,038	..[3]	2,630	11,088	2.68
London	10	7,828	3,911	..[3]	1,471	9,356	2.66
Windsor	7	6,060	..[3]	..[3]	..[3]	..[3]	2.63
1979							
Canada	1,070	629,854	239,349	9,303	86,010	456,098	2.78
Ontario	279	202,752	95,252	1,979	34,389	164,597	2.77
Toronto	65	61,488	36,007	..[3]	12,118	61,373	2.97
Hamilton	14	10,680	5,052	..[3]	1,819	9,311	2.78
Ottawa	12	10,491	8,095	..[3]	2,963	11,149	2.73
London	10	7,790	4,517	..[3]	1,676	9,222	2.70
Windsor	7	6,092	..[3]	..[3]	..[3]	5,859	2.67

1) Includes only those theatres located within the incorporated limits of the city.
2) Admission receipts (excluding taxes) divided by number of admissions. No corrections are made for juvenile attendance, matinee, evening prices, etc.
3) Data is confidential to meet secrecy requirements of the Statistics Act.
4) In 1977 amusement taxes were charged only on tickets costing $3.00 or more.

Source: SC, *Motion Picture Theatres and Film Distributors*

Table 8.11
Principal Statistics of Drive-in Theatres, Canada and Ontario, 1967-1979[1]

	Establish-ments	Car Capacity	Walk-in Seats	Number of Paid Admissions	Receipts to from Ad-missions (excluding taxes)	Amuse-ment Taxes[3]	Per Capita Ex-penditure on Motion Picture Entertain-ment[2]
				'000's		$'000's	$
1967							
Canada	253	101,490	674	12,042	12,759[r]	787	5.08
Ontario	98	48,725	40	5,695	6,550	622	6.07
1968							
Canada	261	106,231	705	12,252	14,656	932	5.88
Ontario	102	50,531	40	6,050	7,893	751	7.13
1969							
Canada	271	108,729	686[r]	11,308	15,658	1,033	6.01
Ontario	103	51,126	40	5,622	8,301	830	7.20
1970							
Canada	279	115,512	328	11,489	17,047	1,118	6.45
Ontario	102	51,458	-	5,377	8,463	845	7.37
1972							
Canada	284	117,858	457	10,559	17,881	1,173	6.89
Ontario	103	54,202	279	4,772	8,170	809	7.58
1973							
Canada	299	133,435	380	11,581	20,726	1,445	7.32
Ontario	103	53,725	270	4,465	8,502	867	7.87
1974							
Canada	307	143,758	369	11,372	22,963	1,600	8.26
Ontario	100	52,647	279	4,326	9,291	945	8.89
1975							
Canada	315	148,531	600	12,843	29,283	1,973	10.04
Ontario	98	53,065	279	4,805	11,682	1,221	10.84
1976							
Canada	309	145,659	605	13,048	31,573	2,105	10.39
Ontario	101	53,269	279	5,075	12,868	1,284	11.06
1977							
Canada	298	139,689	576	11,779	31,880	1,544	10.48
Ontario	92	49,635	420	4,552	12,879	705	11.02
1978							
Canada	295	138,919	92	11,634	33,557	1,182	11.20
Ontario	92	49,461	–	4,474	13,444	232	11.79
1979							
Canada	292	139,527	. . .	12,151	38,175	1,125	12.16
Ontario	90	48,467	. . .	4,677	14,895	65	13.19

1) 1971 data are not available as no survey was carried out. Data will be available through the 1971 Census.
2) Per capita expenditure is calculated from total receipts (including amusement taxes) of drive-ins and regular theatres.
3) In 1977 amusement taxes were charged only on tickets costing $3.00 or more.

Source: SC, *Motion Picture Theatres and Film Distributors.*

Table 8.12
Principal Statistics for Hotels, Canada and Ontario, 1974-1978

	Total Establishments	Working Proprietors	Family Workers	Paid Employees		Salaries and Wages
				Full Time	Part Time	
						$'000's
Total Hotels						
1974						
Canada	4,893	. . .	1,701	87,454	29,343	508,524
Ontario	1,166	. . .	498	26,463	10,193	160,719
1975						
Canada	4,834	. . .	1,516	89,975	34,704	600,411
Ontario	1,170	. . .	496	26,875	11,824	181,962
1976						
Canada	5,429	. . .	1,940	97,972	35,813	737,273
Ontario	1,272	. . .	537	30,384	12,094	226,820
1977						
Canada	5,294	1,575	1,828	96,396	36,940	779,832
Ontario	1,227	543	458	30,390	13,165	234,763
1978						
Canada	5,197	2,391	1,495	97,069	37,268	856,140
Ontario	1,255	505	397	31,965	13,449	257,291
Full Year Licensed Hotels						
1974						
Canada	4,071	. . .	1,266	82,812	27,761	487,540
Ontario	873	. . .	234	25,309	9,665	154,884
1975						
Canada	4,029	. . .	1,062	75,662	32,832	575,986
Ontario	896	. . .	244	25,808	11,141	175,607
1976						
Canada	4,605	. . .	1,465	93,444	32,903	704,531
Ontario	1,000	. . .	295	29,233	11,312	219,331
1977						
Canada	4,479	1,076	1,364	91,586	33,591	742,900
Ontario	972	373	258	29,004	12,084	225,540
1978						
Canada	4,363	1,969	1,170	91,600	33,221	812,989
Ontario	1,003	361	269	30,236	12,082	245,246

Source: SC, *Traveller Accommodation Statistics, (63-204).*

Table 8.13
Nature of Receipts, Hotels, Canada and Ontario, 1974-1978

	Number of Guest Rooms	Receipts					
		Total	Rooms	Meals	Beer, Wine and Liquor	Merchandise Sales	Other
				$'000's			
Total Hotels							
1974							
Canada	185,629	1,852,764	554,167	431,495	749,248	40,417	77,437
Ontario	55,278	554,592	192,878	142,020	191,732	8,035	19,927
1975							
Canada	192,320	2,097,148	640,368	492,642	829,718	50,845	83,575
Ontario	57,733	615,070	218,942	159,920	207,322	8,317	20,568
1976							
Canada	207,769	2,489,218	740,536	583,520	994,835	72,835	97,492
Ontario	62,651	723,285	250,255	191,589	246,829	9,617	24,995
1977							
Canada	205,400	2,692,337	809,665	630,800	1,044,049	92,450	115,373
Ontario	61,874	784,753	282,552	204,887	256,420	10,281	30,613
1978							
Canada	204,565	2,947,739	931,323	700,144	1,112,463	91,282	112,527
Ontario	62,415	892,646	326,937	233,206	286,768	13,495	32,240
Full Year Licensed Hotels							
1974							
Canada	160,908	1,772,386	503,447	415,377	745,099	37,655	70,808
Ontario	47,362	531,253	177,931	136,437	191,134	7,022	18,729
1975							
Canada	167,378	2,011,813	585,187	475,992	825,065	45,708	78,061
Ontario	50,083	589,646	202,349	153,622	206,712	7,230	19,733
1976							
Canada	181,260	2,377,978	672,761	562,828	987,438	64,268	90,683
Ontario	54,984	694,929	232,553	184,822	245,926	7,664	23,964
1977							
Canada	178,672	2,559,720	731,545	607,542	1,034,915	82,820	102,898
Ontario	54,049	750,812	261,033	197,136	255,252	8,073	29,318
1978							
Canada	176,054	2,789,583	840,124	671,339	1,093,002	78,805	106,313
Ontario	54,466	844,824	301,654	222,697	278,453	10,905	31,115

Source: SC, *Traveller Accommodation Statistics, (63-204)*

Table 8.14
Non-Resident Travellers Entering Canada by Place of Residence[1], Canada and Ontario, 1974-1980

	Europe	Africa	Asia	North America, Central America and Caribbean	South America	Oceania and Other Ocean Islands	Total
1974							
Canada	835,379	25,348	166,630	97,413	41,670	52,816	1,219,256
Ontario	472,393	9,706	78,203	67,756	26,027	20,749	674,834
1975							
Canada	892,322	26,196	196,439	110,721	46,370	55,508	1,327,556
Ontario	502,925	10,985	91,126	76,730	29,330	21,331	732,427
1976							
Canada	1,049,311	33,833	239,586	124,583	57,608	72,409	1,577,330
Ontario	599,120	15,070	118,190	84,685	37,617	30,599	885,281
1977							
Canada	944,145	33,135	218,274	107,080	56,203	65,847	1,424,684
Ontario	542,424	15,829	106,301	72,538	35,786	28,092	800,970
1978							
Canada	1,095,835	35,863	276,738	123,026	63,101	79,100	1,673,663
Ontario	629,459	16,139	140,329	82,319[r]	40,788	33,886	942,920
1979							
Canada	1,315,595	38,723	344,566	144,183	78,459	89,106	2,010,632
Ontario	770,436	17,372	187,791	96,456	51,579	37,467	1,161,101
1980							
Canada	1,377,852	45,359	384,829	173,046	91,907	90,020	2,163,013
Ontario	808,227	21,778	218,855	115,891	60,091	38,958	1,263,800

1) Residents of the United States are not included.

Source: SC, *Travel Between Canada and Other Countries, (66-001)*

Table 8.15
Canadian Resident Travellers Returning from the United States by Type of Transportation, Canada and Ontario, 1968-1980

	Land						Other Modes of Transportation	Total
	Automobile	Bus	Rail	Total Land[1]	Air	Marine		
1968								
Canada	..	608,713	136,410	745,123	927,827	134,639	..	1,807,589
Ontario	..	304,459	66,270	370,729	555,102	92,777	..	1,018,608
1969								
Canada	..	689,818	114,986	804,804	1,200,868	131,772	..	2,137,444
Ontario	..	358,040	55,340	413,380	630,265	86,816	..	1,130,461
1970								
Canada	29,097,000	677,600	86,000	29,860,600	1,195,000	124,900	2,877,300	34,057,800
Ontario	11,156,900	346,200	40,700	11,543,800	627,600	80,800	1,680,800	13,933,000
1971								
Canada	27,650,200	728,800	27,200	28,406,200	1,262,100	135,300	2,781,900	32,585,500
Ontario	10,835,700	384,500	10,700	11,230,900	673,700	105,100	1,600,600	13,610,300
1972[2]								
Canada	27,105,100	1,466,200	10,400	28,581,700	1,115,900	150,900	599,100	30,447,600
Ontario	10,581,300	1,038,000	2,200	11,621,500	550,700	136,000	244,900	12,553,100
1973								
Canada	27,255,652	1,410,089	19,395[3]	28,685,136	1,349,220	190,371	531,084	30,755,811
Ontario	10,589,164	955,995	2,491	11,547,650	682,790	171,501	179,778	12,581,719
1974								
Canada	26,329,004	1,467,760	36,093[3]	27,832,857	1,579,928	208,767	469,745	30,091,297
Ontario	10,299,665	902,073	8,537	11,210,275	785,220	180,296	155,283	12,331,074
1975								
Canada	29,006,862	1,426,673	35,284	30,468,819	1,757,934	231,503	504,558	32,962,814
Ontario	11,348,274	926,126	7,317	12,281,717	825,774	204,417	163,693	13,475,601
1976								
Canada	31,549,622	1,466,044	38,239	33,053,905	2,128,501	233,198	519,271	35,934,875
Ontario	12,405,100	942,088	9,270	13,356,458	957,568	201,684	190,206	14,705,916
1977								
Canada	33,196,440	1,398,063	44,550	34,639,053	2,456,805	290,155	511,234	37,897,247
Ontario	12,991,857	870,983	7,975	13,870,815	1,094,321	250,644	165,890	15,381,670
1978								
Canada	32,422,880	1,392,441	41,728	33,857,049	2,685,734	276,784	473,956	37,293,523
Ontario	13,116,144	867,767	6,883	13,990,794	1,225,029	236,986	140,121	15,592,930
1979								
Canada	29,295,638	1,332,994	40,117	30,668,809	3,005,426	282,819	424,669	34,381,723
Ontario	12,264,591	854,701	4,511	13,123,803	1,382,419	240,349	124,523	14,871,094
1980								
Canada	29,462,095	1,368,799	41,473	30,872,367	3,185,948	258,850	426,234	34,743,399
Ontario	12,527,068	881,707	4,422	13,413,197	1,436,170	214,425	125,213	15,189,005

1) Excludes other modes of land transportation.
2) The data in 1972 reflects changes in the methods of collection. For example, local bus traffic was shifted from the "other modes" category to the "Bus" category which before 1972 related only to "long distance" bus traffic. Air and rail crews were no longer included under the "Air" and "Rail" categories, respectively. The increase from 1971 to 1972 in "Marine" visitors is the result of the shift from "other modes" to the "Marine" category of ferry traffic from Amherstburg, Ontario and Victoria, B.C. After 1972 the "Other Modes" category included other forms of land transportation only.
3) Reflects the introduction of new passenger service lines.

Source: SC, *Travel Between Canada and Other Countries, (66-001)*

Table 8.16
U.S. Residents entering Canada by Type of Transportation, Canada and Ontario, 1974-1980

	Land							
	Automobile	Bus	Rail	Total Land[1]	Air	Marine	Other Modes of Transportation	Total
1974								
Canada	30,452,542	1,535,846	90,721	32,079,109	1,607,118	892,990	598,937	35,178,154
Ontario	19,956,543	1,012,816	6,520	20,975,879	778,014	793,405	238,354	22,785,652
1975								
Canada	30,007,653	1,520,281	87,663	31,615,597	1,529,782	801,512	635,350	34,582,241
Ontario	19,709,226	1,016,916	9,084	20,735,226	708,675	687,395	244,240	22,375,536
1976								
Canada	27,787,050	1,477,600	104,831	29,369,481	1,484,104	779,043	598,274	32,230,902
Ontario	18,143,863	1,019,869	25,048	19,188,780	694,595	656,249	215,110	20,754,734
1977								
Canada	27,272,917	1,426,783	109,519	28,809,219	1,592,745	762,651	609,196	31,773,811
Ontario	18,114,967	961,498	21,719	19,098,184	729,534	655,845	215,523	20,699,086
1978								
Canada	26,907,290	1,462,904	101,654	28,471,848	1,666,238	845,303	613,770	31,597,159
Ontario	17,914,642	985,420	21,795	18,921,857	767,031	743,134	200,467	20,632,489
1979								
Canada	26,372,104	1,505,977	92,037	27,970,118	1,835,521	779,998	605,953	31,191,590
Ontario	18,138,654	989,714	6,519	19,134,887	879,675	665,125	199,412	20,879,099
1980								
Canada	33,875,313	1,497,953	77,278	35,450,544	1,855,363	616,643	578,444	38,500,994
Ontario	24,403,892	988,780	6,159	25,398,831	874,423	505,593	209,952	26,988,799

1) Excludes other modes of land transportation.
2) Reflects the introduction of new passenger service lines.

Source: SC, *Travel Between Canada and Other Countries, (66-001)*

Table 8.17
Residents of Countries Other Than the U.S.A. Entering Canada, by Type of Transportation, Canada and Ontario, 1974-1980

	Land	Air		Marine		
	(Via U.S.A.)	Direct	(Via U.S.A.)	Direct	(Via U.S.A.)	Total
1974						
Canada	361,829	636,901	212,582	7,000	944	1,219,256
Ontario	259,836	314,664	100,309	-	25	674,834
1975						
Canada	407,188	683,697	228,528	5,132	3,011	1,327,556
Ontario	297,001	332,033	103,374	-	19	732,427
1976						
Canada	519,930	771,853	277,126	5,187	3,234	1,577,330
Ontario	390,457	372,050	122,733	-	41	885,281
1977						
Canada	437,415	717,800	262,704	4,426	2,279	1,424,684
Ontario	326,379	353,874	120,674	-	43	800,970
1978						
Canada	570,879	793,861	302,711	4,208	2,007	1,673,663
Ontario	431,663	376,742	134,468	–	47	942,920
1979						
Canada	711,826	930,729	359,091	4,712	4,274	2,010,632
Ontario	550,750	444,461	165,461	–	409	1,161,101
1980						
Canada	791,590	952,240	411,132	4,705	3,346	2,163,013
Ontario	604,580	468,119	190,612	–	489	1,263,800

Source: SC, *Travel Between Canada and Other Countries, (66-001)*

Table 8.18
Canadian Vehicles Returning from the United States, Canada and Ontario, 1968-1980

Year	Automobiles			Trucks Used Commercially	Other Vehicles	Total
	Same Day	One or More Nights	Total			
1968						
Canada	9,136,145[1]	2,460,861	11,597,006	869,862	..	12,466,868
Ontario	3,976,717	938,913	4,915,630	457,016	..	5,372,646
1969						
Canada	9,467,381[2]	2,540,871	12,008,252	1,003,660	..	13,011,912
Ontario	4,292,929	869,351	5,162,280	558,281	..	5,720,561
1970						
Canada	8,985,600	2,493,300	11,478,900	1,011,400	223,600	12,713,900
Ontario	4,034,800	872,500	4,907,300	531,400	71,300	5,510,000
1971						
Canada	8,592,900	2,513,200	11,106,100	1,034,400	196,900	12,337,400
Ontario	3,960,500	933,400	4,893,900	546,100	50,900	5,490,900
1972						
Canada	8,901,100	2,524,200	11,425,300	1,159,100	85,400	12,669,800
Ontario	4,053,700	942,600	4,996,300	646,700	10,900	5,653,900

Year	Same Day	One Night	Two or More Nights	Total	Trucks Used Commercially	Other Vehicles	Total
1973							
Canada	9,128,294	490,017	1,964,306	11,582,617	1,183,245	99,385	12,865,247
Ontario	4,106,527	173,653	715,327	4,995,507	666,139	15,300	5,676,946
1974							
Canada	8,974,996	468,374	1,852,016	11,295,386	1,109,068	91,592	12,496,046
Ontario	4,090,097	163,629	627,604	4,881,330	653,864	14,207	5,549,401
1975							
Canada	9,571,752	487,976	2,205,697	12,265,425	1,008,361	101,342	13,375,128
Ontario	4,271,381	175,492	776,076	5,222,949	577,568	17,421	5,817,938
1976							
Canada	10,249,299	513,017	2,479,363	13,241,679	1,110,146	100,812	14,452,637
Ontario	4,557,805	193,516	880,051	5,631,372	668,796	17,099	6,317,267
1977							
Canada	10,744,612	550,178	2,666,865	13,961,655	1,128,166	111,559	15,201,380
Ontario	4,727,695	208,156	938,132	5,873,983	694,757	20,572	6,589,312
1978							
Canada	10,669,987	544,061	2,594,817	13,808,865	1,253,826	112,262	15,174,953
Ontario	4,783,044	219,275	979,601	5,981,920	754,375	20,756	6,757,051
1979							
Canada	10,089,519	531,531	2,139,072	12,760,122	1,290,271	110,088	14,160,481
Ontario	4,645,270	213,409	834,732	5,693,411	755,462	19,319	6,468,192
1980							
Canada	10,025,379	537,640	2,306,995	12,870,014	1,217,017	117,020	14,204,051
Ontario	4,765,856	217,703	858,902	5,842,461	686,844	22,401	6,551,706

1) Includes 91,977 motorcycles and bicycles and 134,033 taxis
2) Includes 93,612 motorcycles and bicycles and 139,426 taxis.

Source, SC, *Travel Between Canada and Other Countries, (66-001)*

Table 8.19
U.S. Vehicles Entering Canada, Canada and Ontario, 1968-1980

	Automobiles					
	Same Day	One or More Nights	Total	Trucks Used Commercially	Other Vehicles	Total
1968						
Canada	8,334,883	3,418,325	11,753,208	626,289	135,872	12,515,369
Ontario	5,540,735	1,979,170	7,519,905	344,865	62,876	7,927,646
1969						
Canada	8,330,557	3,565,229	11,895,786	629,314	140,951	12,666,051
Ontario	5,531,298	2,053,245	7,584,543	336,292	67,954	7,988,789
1970						
Canada	8,426,073	3,867,244	12,293,317	630,485	152,545	13,076,347
Ontario	5,520,316	2,161,570	7,681,886	324,730	72,674	8,079,290
1971						
Canada	8,341,378	4,102,292	12,443,670	726,062	144,777	13,314,509
Ontario	5,427,661	2,358,088	7,785,749	380,425	62,633	8,228,807
1972						
Canada	8,419,279	4,035,044	12,454,323	792,438	74,702	13,321,463
Ontario	5,491,909	2,275,962	7,767,871	455,642	28,829	8,252,342
		One Night	Two or More Nights			
1973						
Canada	8,575,03	846,466	3,201,671	12,623,176	887,934	89,130	13,600,240
Ontario	5,673,192	595,588	1,686,910	7,955,690	511,703	37,733	8,505,126
1974						
Canada	8,211,801	781,546	2,956,988	11,950,335	901,671	84,791	12,936,797
Ontario	5,579,464	571,764	1,643,055	7,794,283	501,239	35,093	8,330,615
1975						
Canada	8,154,086	749,791	2,964,200	11,868,077	905,059	90,855	12,863,991
Ontario	5,573,757	543,033	1,635,822	7,752,612	496,880	39,869	8,289,361
1976						
Canada	7,749,615	715,494	2,721,663	11,186,772	1,025,611	75,327	12,287,710
Ontario	5,291,472	512,357	1,488,710	7,292,539	594,547	29,374	7,916,460
1977						
Canada	7,725,066	693,604	2,650,130	11,068,800	1,039,190	74,721	12,182,711
Ontario	5,282,362	508,683	1,506,013	7,297,058	611,017	29,854	7,937,929
1978						
Canada	7,728,100	705,203	2,590,377	11,023,680	1,026,421	72,765	12,122,866
Ontario	5,301,430	516,052	1,473,057	7,290,539	579,794	78,935	7,899,268
1979						
Canada	8,130,574	670,618	2,329,385	11,130,577	1,062,639	81,624	12,274,840
Ontario	5,728,102	499,893	1,380,156	7,608,151	617,594	35,314	8,261,059
1980						
Canada	12,379,282	678,680	2,371,967	15,429,929	970,961	88,785	16,489,675
Ontario	9,260,544	506,565	1,404,677	11,171,786	540,835	38,158	11,750,779

Source: SC, *Travel Between Canada and Other Countries, (66-001)*

Table 8.20
Canadian Resident Travellers Returning from Overseas Countries, Canada and Ontario, 1950-1980

	Number of Canadian Travellers Returning to Canada from Other Countries[1]			Number of Canadian Residents Returning to Canada from Overseas via Ontario
	Direct	Via the U.S.	Total	
1950	44,000	12,000	56,000	..
1951	44,000	11,000	55,000	..
1952	55,000	10,000	65,000	..
1953	62,000	19,000	81,000	..
1954	74,000	22,000	96,000	..
1955	88,000	29,000	117,000	..
1956	106,000	33,000	139,000	..
1957	120,000	39,000	159,000	..
1958	132,000	42,000	174,000	..
1959	157,000	46,000	203,000	..
1960	189,000	52,000	241,000	..
1961	223,000	54,000	277,000	..
1962	253,000	58,000	311,000	..
1963	282,000	60,000	342,000	..
1964	323,000	69,000	392,000	..
1965	386,000	70,000	456,000	..
1966	423,000	80,000	503,000	..
1967	437,000	85,000	522,000	246,906
1968	538,000	100,000	638,000	345,796
1969	732,000	120,000	852,000	460,080
1970	957,000	142,000	1,099,000	581,400
1971	1,039,000	158,000	1,197,000	598,100
1972	1,029,000	114,000	1,143,000	616,600
1973	1,225,000	136,000	1,361,000	653,021
1974	1,264,000	171,000	1,435,000	693,700
1975	1,401,000	153,000	1,554,000	762,963
1976	1,413,000	169,000	1,582,000	822,851
1977	1,580,000	197,000	1,777,000	905,081
1978	1,602,000	206,000	1,808,000	917,433
1979	1,548,000	209,000	1,757,000	914,786
1980	1,357,000	228,000	1,585,000	825,000

1) Excluding the United States

Source: SC, *Travel Between Canada and Other Countries, (66-001)*

Section 9

Housing and Household Equipment

Highlights

- **Housing** – The number of households in Ontario in 1971 having more than one person per room was 150,715, a decrease of 22.4 per cent from 1961 when 194,343 households had more than one person per room. The level of crowding is comparable to 1951. In Canada in 1971 there were 569,485 such households, a 24.2 per cent reduction from the 750,942 households in 1961 having more than one person per room.

  Of Ontario's 2.9 million households, 1.9 million or 65.3 per cent in 1980 were owned and 34.7 per cent were rented. Of this total number of households, 11.3 per cent had 3 or fewer rooms per dwelling and 31.9 per cent had 7 or more rooms per dwelling.

  At the end of 1980, the Toronto Census Metropolitan Area had 484 newly completed and unoccupied houses and duplexes; Hamilton had 285. Toronto had 1,097 newly completed and unoccupied row and apartment dwellings and Ottawa had 414.

  With 1971 = 100, the 1980 consumer price index for rent was 145.5, for mortgage interest 251.2 and for dwelling insurance 370.4.

- **Household Equipment** – In 1967 about 5.1 per cent of Ontario's households had air conditioners. By 1980 this figure had increased to 28.4 per cent of total households.

  The proportion of households with one or more cars to the total number of households in Ontario has remained almost constant from 1967 to 1980 at 80.3 per cent.

  In 1967, 96.1 per cent of all households had at least one television and 2.7 per cent had colour television. By 1980 the percentage of households with at least one television had remained fairly constant at 97.7 per cent, but those with colour television had risen to 81.8 per cent.

Definitions

Housing Stock – The sum of all dwelling units in a given area on Census day comprises the housing stock of that area.

Dwelling – A dwelling is defined as a structurally separate set of living premises with private entrance from outside the building, or from a common hallway or stairway inside. A private dwelling is one in which one person, a family or other small group of individuals may reside, such as a single house, apartment, etc.

Single detached dwelling – This type of dwelling is commonly called a single house, i.e., a house containing one dwelling unit and completely separated on all sides from any other building or structure.

Single attached dwelling – Each half of a semi-detached (or double) house and each section of a row or terrace is defined as a "single attached" dwelling.

Row – A structure of three or more attached, self-contained ground level units separated by a common wall from ground to roof, or below grade; includes a dwelling adjoining a store or other non-residential structure, maisonettes, garden court and townhouse types.

Duplex – This is two dwelling units, one above the other (each having a separate entrance), but not attached to any other building. This includes dwellings which were built as single houses, but in which the basement or upper storey has been converted to form a structurally separate set of living quarters with its own entrance.

Apartment – a multiple-family type of structure comprised of three or more dwelling units with shared entrances and other essential facilities and services, and with shared exit facilities for units above the first storey.

Apartment or Flat (applicable only to Table 4) – A dwelling of this type includes:

i) dwelling units in apartment blocks or apartment hotels;

ii) suites in duplexes or triplexes, i.e., where the division between dwelling units is horizontal;

iii) suites in structurally converted houses;

iv) living quarters located above or in the rear of stores, restaurants, garages or other business premises;

v) janitors' quarters in schools, churches, warehouses, etc; and

vi) private quarters for employees in hospitals or other types of institutions.

Family – This unit is composed of a group of individuals related by blood, marriage or adoption and sharing a common dwelling unit.

Household – A person or a group of persons occupying one dwelling unit is defined as a "household". The number of households will therefore be equal to the number of occupied dwellings. The person or persons occupying a private dwelling form a private household.

Note – The following note on coverage applies to all tables sourced "Household Facilities and Equipment":

The survey was carried out in conjunction with the Labour Force Survey. Households were chosen by area sampling methods.

The sample for this survey is designed to represent all households in Canada with certain exceptions. Excluded are: households in the Yukon and Northwest Territories, households on Indian reserves, institutional households, military camps, other collective-type households such as those living in hotels, large lodging houses, clubs, logging and construction camps; certain private households living in trailers, in summer cottages, on boats, etc.

The estimates in these tables are based on a sample of households and may differ from the figures that would have been obtained if a complete census had been taken using the same schedules, instructions and interviewers. See Statistics Canada Catalogue 64-202 *Household Facilities and Equipment* for details on reliability of the estimates.

Crowded Household – Such a household has more than one person per room.

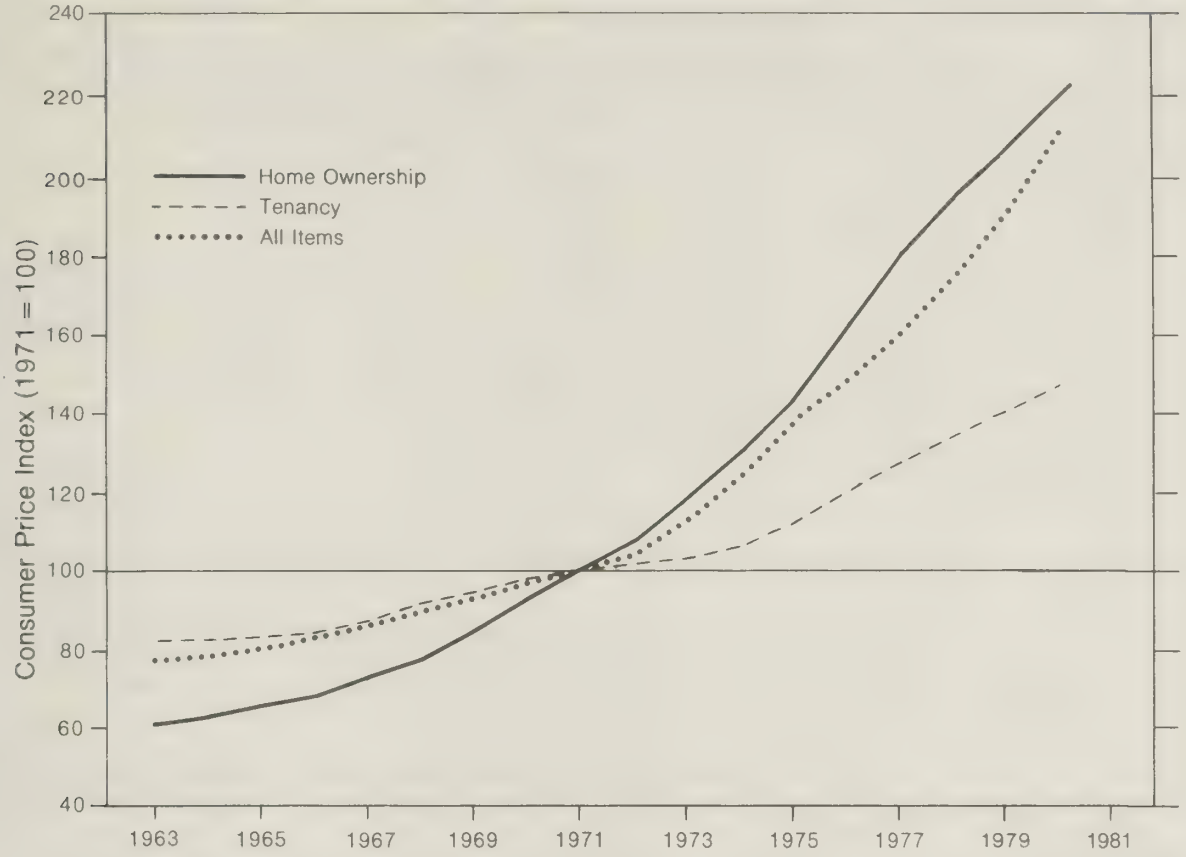
Rooms – In determining the number of rooms in a dwelling, only those rooms used or suitable for living purposes, including rooms occupied by servants, lodgers, or members of lodging families are counted. The following are not counted as rooms: bathrooms, pantries, halls, clothes closets and rooms used solely for business purposes. Summer kitchens, sunrooms, rooms in basements or attics are not counted unless they were finished and suitable for living quarters throughout the year. "Kitchenettes" are counted if the normal kitchen functions are carried out therein and if they contain, as a minimum, cooking facilities (such as a stove or range) and a sink or tub.

Bedrooms – Included as "bedrooms" are all rooms furnished as bedrooms and used as such, even though the use may be occasional as in the case of a "spare" bedroom. Bed-sitting rooms, or other such rooms used for sleeping and living, are not included. In the case of all one-room dwellings such as bachelor apartments, and of many other small dwellings, no "bedroom" would be reported.

Indian Reserve – Territory, mostly rural and varying in size, that belongs to an Indian band, according to treaties between the federal government and the Indians is considered a reserve. It is excluded from local jurisdiction and administered by the federal Department of Indian Affairs and Northern Development. At the collection stage of the census of population 1971, every reserve with a population of 25 or more was considered a separate enumeration area. Smaller reserves were grouped within a census division.

Graph 9.A

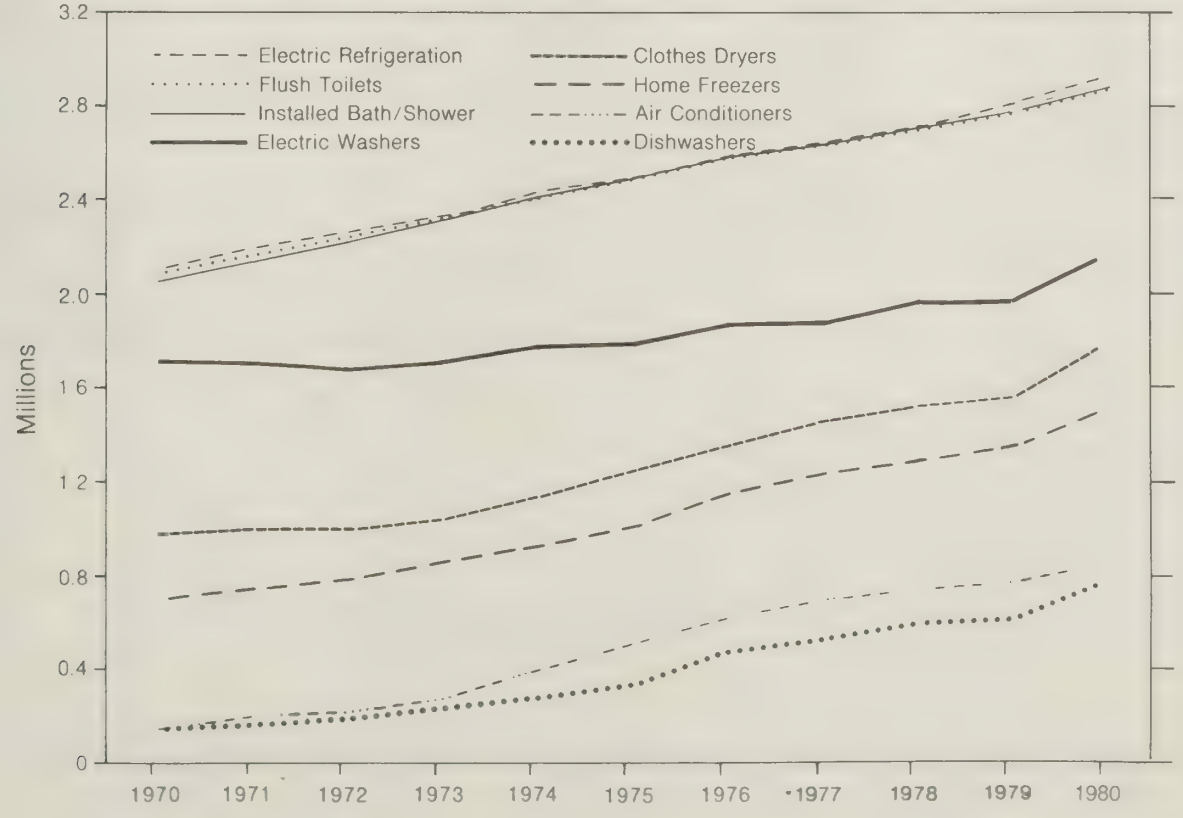
Consumer Price Indexes by Selected Housing Components and all Items, Canada, 1963-1980



Refer to Table 9.9

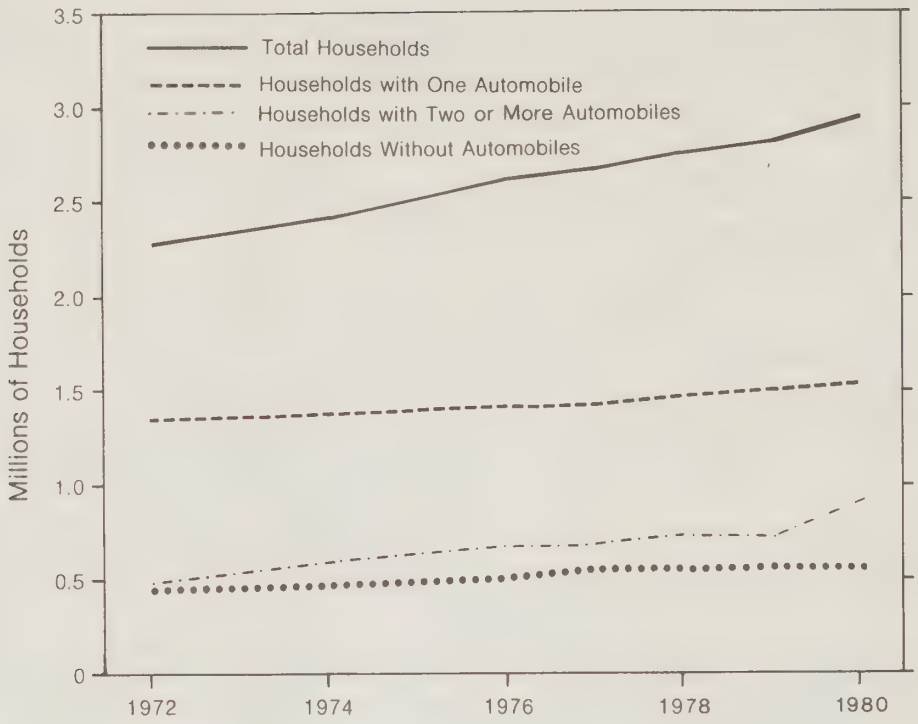
Graph 9.B

Households with Selected Facilities and Equipment, Ontario, 1970-1980



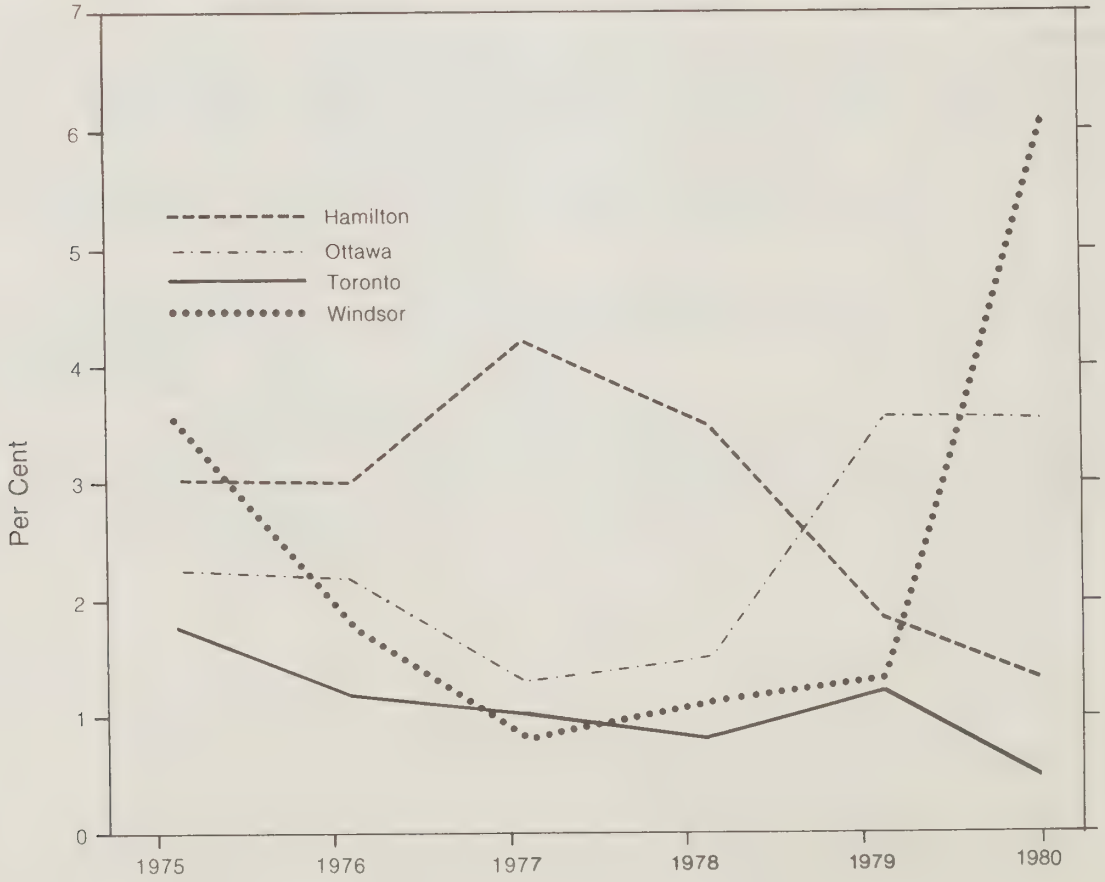
Refer to Tables 9.12, 9.13 and 9.14

Graph 9.C
Automobiles, Ontario, 1972-1980



Refer to Table 9.15

Graph 9.D
Apartment Vacancy Rates by Census Metropolitan Area, Ontario, 1975-1980



Refer to Table 9.8

Table 9.1
National Housing Stock, by Province, Canada, Census Years, 1951–1976

	1951[2f]	1961[2f]	1971[2f]	1976[2]
Canada	3,522,162[1]	4,744,715	6,324,690	7,550,900
Ontario	1,208,160	1,699,932	2,311,850	2,768,190
Newfoundland	75,884	92,642	116,500	141,010
Prince Edward Island	23,952	25,370	29,410	35,010
Nova Scotia	157,133	183,236	216,575	259,170
New Brunswick	119,411	138,230	164,135	201,115
Québec	883,433	1,244,132	1,691,635	1,992,495
Manitoba	207,912	249,199	304,040	344,930
Saskatchewan	235,470	260,527	288,445	309,590
Alberta	261,479	364,969	492,445	604,090
British Columbia	349,328	478,413	696,245	876,700
Yukon and Northwest Territories	–	8,065	13,405	18,605

1) 1951 excludes Yukon and Northwest Territories.
2) Includes vacancies.

Source: Canada Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Table 9.2
Crowding[1], by Province, Canada, Census Years, 1951–1971

	1951	1961	1971
Canada	641,820[2]	750,942	569,485
Ontario	151,730	194,343	150,715
Newfoundland	23,030	26,254	26,070
Prince Edward Island	3,515	4,080	3,560
Nova Scotia	27,615	31,832	25,635
New Brunswick	24,130	27,836	23,910
Québec	216,955	259,985	199,360
Manitoba	39,675	40,261	26,615
Saskatchewan	50,770	45,967	26,155
Alberta	56,300	61,308	38,445
British Columbia	48,100	55,484	45,135
Yukon and Northwest Territories	..	3,592	3,885

1) Households that have more than one person per room.
2) 1951 excludes Yukon and Northwest Territories.

Source: Canada Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Table 9.3
Size of Household, Canada and Ontario, 1967-1980[1]

	Total House-holds[2]	Number of persons per household									
		1	2	3	4	5	6	7	8	9	10+
	'000's										
1967											
Canada	5,293	488	1,271	920	983	701	431	227	123	71	79
Ontario	1,939	171	497	350	370	257	149	75	36	18	16
1968											
Canada	5,458	541	1,327	961	982	690	442	225	130	68	93
Ontario	2,003	198	518	366	375	252	144	71	38	19	21
1969											
Canada	5,616	567	1,373	999	1,041	718	435	215	123	68	79
Ontario	2,062	209	509	378	400	266	153	70	38	19	21
1970											
Canada	5,784	597	1,448	1,024	1,096	744	416	214	119	57	69
Ontario	2,140	215	561	380	434	269	143	65	40	17	17
1971											
Canada	5,933	689	1,499	1,066	1,086	724	419	215	113	58	64
Ontario	2,208	251	562	411	416	273	149	76	36	17	17
1972											
Canada	6,111	827	1,536	1,098	1,106	732	401	201	102	56	53
Ontario	2,275	324	593	413	425	261	142	61	33	10	11
1973											
Canada	6,301	880	1,690	1,087	1,154	724	392	183	93	46	54
Ontario	2,354	329	647	417	443	269	141	57	26	11	13
1974											
Canada	6,513	972	1,762	1,126	1,201	729	375	172	87	45	43
Ontario	2,440	364	684	425	464	259	135	63	24	10	12
1975											
Canada	6,721	1,011	1,938	1,201	1,205	719	355	154	70	30	38
Ontario	2,523	383	753	447	457	272	124	47	22	9	9
1976											
Canada	6,949	1,096	1,949	1,195	1,331	772	341	144	69	26	26
Ontario	2,606	409	738	463	498	292	126	49	18	7	6
1977											
Canada	7,119	1,191	1,990	1,266	1,351	735	343	137	59	24	24
Ontario	2,666	459	754	471	505	279	122	42	20	7	7
1978											
Canada	7,320	1,279	2,071	1,281	1,415	740	320	126	49	21	17
Ontario	2,741	484	764	482	549	288	112	42	12	--	...
1979											
Canada	7,558	1,415	2,193	1,296	1,433	733	301	104	49	16	17
Ontario	2,813	518	839	477	543	272	104	32	19	--	--
1980											
Canada	7,807	1,446	2,271	1,397	1,487	746	295	98	39	13	13
Ontario	2,910	549	860	501	563	274	110	36	12	--	--

1) For 1973-1975, figures are as of April; all other years, figures are as of May.
2) See introductory note of this chapter for an explanation of the coverage.

Source: SC, *Household Facilities and Equipment.* (64-202)

Table 9.4
Tenure and Type of Dwelling, Canada and Ontario, 1967-1980[1]

		Tenure			Type of Dwelling		
	Total Households[2]	Owned	Rented for Cash	Rented - Other[3]	Single Detached	Single Attached	Apartment or Flat[5]
				'000's			
1967							
Canada	5,293	3,454	1,769	71	3,415	336	1,542
Ontario	1,939	1,340	574	25	1,314	178	447
1968							
Canada	5,458	3,541	1,847	70	3,490	369	1,599
Ontario	2,003	1,372	609	22	1,340	181	482
1969							
Canada	5,616	3,636	1,900	80	3,564	374	1,679
Ontario	2,062	1,409	625	28	1,364	194	503
1970							
Canada	5,784	3,729	1,973	83	3,686	353	1,746
Ontario	2,140	1,451	660	29	1,434	177	530
1971							
Canada	5,933	3,774	2,069	90	3,719	416	1,798
Ontario	2,208	1,483	699	26	1,461	201	545
1972							
Canada	6,111	3,827	2,194	90	3,804	446	1,861
Ontario	2,275	1,494	752	29	1,469	204	602
1973							
Canada	6,301	3,952	2,278	71	3,836	420	2,045
Ontario	2,354	1,534	797	22	1,470	213	670
1974							
Canada	6,513	4,091	2,339	83	3,966	473	2,074
Ontario	2,440	1,597	818	24	1,516	240	683
1975							
Canada	6,721	4,161	2,472	88	3,994	458	2,269
Ontario	2,523	1,606	879	38	1,505	251	767
1976							
Canada	6,949	4,338	2,610[4]		4,053	605	2,290
Ontario	2,606	1,711	896[4]		1,556	287	763
1977							
Canada	7,119	4,576	2,542[4]		4,217	558	2,344
Ontario	2,666	1,758	908[4]		1,577	270	820
1978							
Canada	7,320	4,627	2,693[4]		4,273	618	2,429
Ontario	2,741	1,797	944[4]		1,590	342	809
1979							
Canada	7,558	4,776	2,782[4]		4,380	613	2,566
Ontario	2,813	1,818	995[4]		1,602	332	879
1980							
Canada	7,807	4,979	2,828[4]		4,620	644	2,543
Ontario	2,910	1,900	1,009[4]		1,719	331	860

1) For 1973–1975, figures are as of April; all other years, figures are as of May.
2) See introductory note of this chapter for an explanation of the coverage
3) Includes dwelling: (a) occupied rent-free or under share-cropping-agreements; (b) for which rent was paid in kind or in services; (c) for which rent also includes rent for business premises.
4) In 1976 to 1980, data available only in combined form.
5) See introductory note of this chapter for definition of "Apartment or Flat".

Source: SC, *Household Facilities and Equipment*. (64-202)

Table 9.5
Rooms and Bedrooms per Dwelling, Canada and Ontario, 1967-1980[1]

	Total Households[2]	Number of rooms per dwelling								
		1	2	3	4	5	6	7	8	9+
	'000's									
1967										
Canada	5,293	50	112	453	940	1,363	1,169	587	339	279
Ontario	1,939	11	26	156	281	458	535	248	126	98
1968										
Canada	5,458	57	140	471	944	1,379	1,189	629	362	287
Ontario	2,003	12	34	156	295	463	543	261	141	97
1969										
Canada	5,616	51	139	458	973	1,438	1,219	658	361	319
Ontario	2,062	11	40	146	291	476	560	281	143	114
1970										
Canada	5,784	71	136	491	1,024	1,443	1,250	668	398	303
Ontario	2,140	17	37	168	319	485	565	285	155	109
1971										
Canada	5,933	63	143	557	1,069	1,464	1,255	698	394	290
Ontario	2,208	16	40	186	331	514	572	293	154	103
1972										
Canada	6,111	68	154	573	1,081	1,530	1,282	703	404	317
Ontario	2,275	16	50	195	347	528	566	299	156	118
1973										
Canada	6,301	85	169	624	1,127	1,526	1,284	733	405	349
Ontario	2,354	16	48	235	354	513	586	319	159	125
1974										
Canada	6,513	94	169	627	1,106	1,557	1,357	775	466	363
Ontario	2,440	26	49	218	354	532	614	330	182	133
1975										
Canada	6,721	93	177	667	1,169	1,633	1,361	787	473	362
Ontario	2,523	20	61	242	370	564	617	339	186	123
1976										
Canada	6,949	85	186	658	1,180	1,680	1,393	839	499	429
Ontario	2,606	20	54	209	383	583	610	363	218	165
1977										
Canada	7,119	92	187	684	1,159	1,686	1,428	869	539	475
Ontario	2,666	25	57	255	382	550	626	360	233	178
1978										
Canada	7,320	110	197	661	1,218	1,690	1,490	907	554	492
Ontario	2,741	33	62	230	424	530	658	408	225	170
1979										
Canada	7,558	103	180	756	1,213	1,715	1,486	968	603	534
Ontario	2,813	38	52	264	406	546	651	407	248	201
1980										
Canada	7,807	85	170	715	1,214	1,815	1,528	1,011	702	567
Ontario	2,910	26	52	250	403	570	680	434	286	209

Table 9.5 (cont'd.)
Rooms and Bedrooms per Dwelling, Canada and Ontario, 1967-1980[1]

	Total Households[2]	Number of bedrooms per dwelling						
		None[3]	1	2	3	4	5	6+
	'000's							
1967								
Canada	5,293	94	634	1,506	2,073	712	202	72
Ontario	1,939	26	220	515	833	270	57	19
1968								
Canada	5,458	93	678	1,516	2,147	748	212	65
Ontario	2,003	27	228	538	872	263	58	17
1969								
Canada	5,616	92	681	1,568	2,232	755	216	73
Ontario	2,062	29	233	532	901	283	62	21
1970								
Canada	5,784	109	719	1,594	2,294	790	209	69
Ontario	2,140	33	263	535	939	295	56	21
1971								
Canada	5,933	121	776	1,615	2,318	815	222	65
Ontario	2,208	41	265	561	964	300	57	19
1972								
Canada	6,111	143	817	1,626	2,382	841	228	75
Ontario	2,275	42	304	571	967	307	62	22
1973								
Canada	6,301	161	866	1,690	2,446	830	230	78
Ontario	2,354	42	322	600	999	305	61	24
1974								
Canada	6,513	173	884	1,668	2,584	887	232	85
Ontario	2,440	59	315	611	1,049	312	65	28
1975								
Canada	6,721	161	943	1,806	2,611	890	240	70
Ontario	2,523	51	349	655	1,061	322	66	17
1976								
Canada	6,949	159	962	1,817	2,727	970	241	72
Ontario	2,606	48	335	669	1,083	377	70	25
1977								
Canada	7,119	169	1,014	1,788	2,858	976	241	73
Ontario	2,666	60	383	659	1,094	376	69	27
1978								
Canada	7,320	181	1,039	1,862	2,928	1,003	235	71
Ontario	2,741	69	368	686	1,155	384	61	17
1979								
Canada	7,558	178	1,129	1,912	2,998	1,024	245	72
Ontario	2,813	62	421	716	1,157	368	69	19
1980								
Canada	7,807	151	1,130	1,960	3,234	1,043	226	62
Ontario	2,910	55	426	721	1,251	380	62	15

1) For 1973-1975, figures are as of April; all other years, figures are as of May.
2) See introductory note of this chapter for an explanation of the coverage.
3) See introductory note of this chapter for a definition of "Bedrooms".

Source: SC, *Household Facilities and Equipment*. (64-202)

Table 9.6
Newly Completed and Unoccupied Dwellings[1], by Census Metropolitan Area[2], Ontario, Quarterly, 1977-1980

	1977				1978				1979				1980			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Houses and Duplexes																
Hamilton	593	617	679	658	625	696	821	830	716	667	500	448	361	294	294	285
Kitchener	392	364	385	419	439	391	386	358	375	303	251	220	203	207	217	210
London	164	171	87	196	182	136	185	280	256	240	194	188	177	190	250	224
Ottawa, city of	123	202	142	300	284	567	427	328	273	319	432	425	312	264	202	146
St. Catharines-Niagara	497	424	444	469	460	435	495	525	461	414	418	390	387	298	304	243
Sudbury	62	38	25	94	74	51	32	79	78	49	61	82	89	57	66	48
Thunder Bay	53	39	23	13	13	16	15	21	20	47	39	49	61	61	52	36
Toronto	461	536	767	1,223	1,167	992	813	676	577	477	547	419	516	563	517	484
Windsor	85	45	36	27	14	24	24	23	30	11	26	46	60	80	73	66
Row and Apartments[3]																
Hamilton	1,124	1,227	1,119	618	666	858	884	563	517	221	89	65	202	180	96	35
Kitchener	240	237	171	409	428	376	470	195	144	143	130	74	64	80	330	114
London	190	250	111	317	259	355	258	439	613	656	461	617	407	443	363	200
Ottawa, city of	564	568	405	835	936	1,348	677	1,533	1,297	1,068	1,103	1,288	846	461	370	414
St. Catharines-Niagara	123	132	98	88	83	101	24	86	79	231	93	28	29	80	103	76
Sudbury	-	-	-	-	3	99	126	111	97	155	32	25	2	–	–	–
Thunder Bay	43	68	17	134	159	77	3	–	11	2	6	44	44	44	60	7
Toronto	2,492	2,282	2,364	2,582	2,588	3,731	4,714	3,330	4,476	5,350	4,415	2,912	2,281	2,104	857	1,097
Windsor	-	-	-	48	53	50	–	–	133	29	66	406	259	280	323	658

1) As at the end of period shown.
2) Data on 1976 Census Area definitions.
3) Data for 1977 and 1978 are based on dwelling units completed and unoccupied for six months or less. Subsequent data are based on dwelling units completed and unoccupied for twelve months or less.

Table 9.7
Privately Initiated Apartment Completions by Size of Structure, by Census Metropolitan Area[1], Ontario 1978-1980

	Hamilton	Kitchener	London	Ottawa, city of	St. Catharines-Niagara	Sudbury	Thunder Bay	Toronto	Windsor
1978									
Number of Structures	–	2	–	1	2	–	3	12	1
Under 6	–	2	–	2	3	–	5	9	7
6-19	2	7	4	–	3	–	2	8	4
20-49	4	4	11	5	3	1	2	21	4
50-199	–	1	1	5	–	–	–	9	–
200+	6	16	16	13	11	1	12	59	16
Total									
Dwelling Units									
Under 6	–	7	–	4	7	–	12	35	2
6-19	–	22	–	27	33	–	47	107	78
20-49	72	292	102	–	98	–	75	304	144
50-199	477	360	1,109	614	223	145	125	2,032	492
200+	–	200	246	1,424	–	–	–	2,816	–
Total	549	881	1,457	2,069	361	145	259	5,294	716
1979									
Number of Structures									
Under 6	–	–	–	–	2	1	3	16	–
6-19	1	1	–	–	2	–	6	12	–
20-49	–	5	3	–	8	–	2	8	9
50-199	2	1	9	1	5	1	2	19	11
200+	–	–	4	9	–	–	–	24	–
Total	3	7	16	10	17	2	13	79	20
Dwelling Units									
Under 6	–	–	–	–	9	4	12	46	–
6-19	18	7	–	–	15	–	40	112	–
20-49	–	177	87	–	216	–	96	266	303
50-199	271	56	1,014	64	481	124	181	2,168	970
200+	–	–	959	2,105	–	–	–	6,205	–
Total	289	240	2,060	2,169	721	128	329	8,797	1,273
1980									
Number of Structures									
Under 6	–	–	–	4	–	–	1	7	–
6-19	–	1	–	–	–	–	3	6	–
20-49	1	1	3	2	1	–	2	7	6
50-199	–	1	7	2	3	–	1	17	10
200+	1	2	–	2	–	–	–	16	–
Total	2	5	10	10	4	–	7	53	16
Dwelling Units									
Under 6	–	–	–	6	–	–	5	14	–
6-19	–	11	–	–	–	–	22	68	–
20-49	20	30	147	62	47	–	96	263	238
50-199	–	57	829	248	274	–	114	1,945	1,012
200+	200	421	–	492	–	–	–	4,179	–
Total	220	519	976	808	321	–	237	6,469	1,250

1) Data on 1976 Census Area definitions.

Source: Canada Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Table 9.8
Apartment Vacancy Rates[1], by Census Metropolitan Area[2], Ontario, 1975-1980[3]

	1975	1976	1977	1978	1979	1980
			%			
Hamilton	3.0	3.0	4.2	3.5	1.8	1.3
Kitchener	2.3	2.4	2.6 r	2.6	1.9	1.1
London	2.4	2.5	1.8	2.3	4.7	4.1
Ottawa, city of	2.3	2.2	1.3	1.5	3.5	3.5
St. Catharines-Niagara	2.9	1.3	1.1	1.4	1.6	1.8
Sudbury	1.2	1.5	1.2	7.0	5.6	1.9
Thunder Bay	0.5	0.2	0.3	1.4	1.7	1.0
Toronto	1.8	1.2	1.0	0.8	1.2	0.5
Windsor	3.6	1.8	0.8	1.1	1.3	6.1

1) Refers to privately initiated Apartment Structures of six units and over only.
2) Data for 1975-1976 on 1971 Census Area definitions. Subsequent data on 1976 Census Area definitions.
3) Data relate to the month of October.

Source: Canada Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Table 9.9
Consumer Price Indexes[1] by Selected Housing Components and All Items, Canada, 1961-1980

	Shelter								Household Operations		
	Tenancy		Home-Ownership								
	Rent	Total	Property Taxes	Mortgage Interest	Owner Repairs	Depreciation on Dwellings	Dwelling Insurance	Total	Fuel And Utilities[2]	Housing	All Items
1961	82.4	81.6	63.1	50.4	63.4	57.5	50.7	57.4	84.6	73.1	75.0
1962	82.6	81.9	65.6	52.2	63.6	59.0	51.4	59.0	84.0	74.0	75.9
1963	82.9	82.1	67.1	54.3	65.0	61.0	52.8	60.8	83.2	74.8	77.2
1964	83.2	82.6	69.3	55.9	67.7	64.5	56.1	63.3	81.9	76.0	78.6
1965	83.7	83.2	71.8	57.8	70.7	67.6	59.4	66.0	81.6	77.3	80.5
1966	85.1	84.6	75.2	60.3	73.4	70.7	63.6	68.9	81.6	79.5	83.5
1967	87.9	87.4	78.2	63.2	77.9	75.7	67.3	72.8	84.6	82.9	86.5
1968	91.7	91.3	83.4	68.8	82.7	81.0	72.3	78.1	88.0	86.7	90.0
1969	95.3	94.9	90.7	78.6	86.0	87.2	77.3	85.1	90.1	91.2	94.1
1970	98.4	98.2	97.3	89.1	93.6	92.9	81.6	92.5	94.3	95.7	97.2
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1972	101.2	101.5	101.6	108.7	107.6	110.6	124.3	108.0	103.9	104.7	104.8
1973	102.6	103.2	103.5	121.0 r	118.2 r	125.2 r	154.7	118.8	114.0	111.4	112.7
1974	105.5 r	106.2	104.0	136.7	136.6	138.4	175.8 r	130.3	129.6	121.2 r	125.0
1975	111.1	112.0	111.2	156.8	146.4	146.2	212.5	143.6	146.6	133.2	138.5
1976	118.9	120.0	125.7	179.1	163.6	164.2	266.1	163.4	173.1	148.0	148.9
1977	126.3	127.6	141.1	198.8	178.8 r	179.3	305.6	181.2	199.3	161.9	160.8
1978	132.9	134.4	153.9	215.0	193.2	193.0	329.1	196.1	223.8	174.1	175.2
1979	138.9	140.6	161.8	228.0	214.8	200.9	344.6	208.3	244.6	186.2	191.2
1980	145.5	147.6	166.6	251.2	231.4	216.0	370.4	223.9	275.8	201.4	210.6

1) For further information see Statistics Canada, *Prices and Price Indexes*, Catalogue 62-010.
2) Previously Fuel and Electricity, until December, 1972.

Source: Canada Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Table 9.10
Water Supply and Source of Water, Canada and Ontario, 1967-1980[1]

	Total Households[2]	Water Supply: Hot and Cold Inside	Water Supply: Cold only Piped Inside	Water Supply: No water Piped Inside	Source of Piped Running Water: Community Water Main System	Source of Piped Running Water: Other[3]
	'000's					
1967						
Canada	5,293	4,754	289	250	4,201	841
Ontario	1,939	1,848	51	39	1,614	286
1968						
Canada	5,458	4,964	276	218	4,377	862
Ontario	2,003	1,894	76	33	1,679	291
1969						
Canada	5,616	5,265	153	198	4,516	902
Ontario	2,062	2,011	17	34	1,720	308
1970						
Canada	5,784	5,465	152	167	4,702	915
Ontario	2,140	2,088	26	26	1,804	310
1971						
Canada	5,933	5,545	225	163	4,799	971
Ontario	2,208	2,140	44	24	1,846	338
1972						
Canada	6,111	5,719	246	146	4,984	981
Ontario	2,275	2,178	73	24	1,916	335
1973						
Canada	6,301	5,952	210	140	5,183	979
Ontario	2,354	2,269	57	28	1,982	344
1974						
Canada	6,513	6,235	173	105	5,394	1,013
Ontario	2,440	2,373	50	16	2,067	356
1975						
Canada	6,721	6,502	122	97	5,607	1,017
Ontario	2,523	2,481	24	18	2,165	340
1976						
Canada	6,949	6,757	120	72	5,868	1,009
Ontario	2,606	2,570	23	13	2,234	359
1977						
Canada	7,119	6,965	83	71	5,996	1,051
Ontario	2,666	2,643	13	10	2,288	368
1978						
Canada	7,320	7,181	75	63	6,195	1,061
Ontario	2,741	2,720	9	12	2,357	372
1979						
Canada	7,558	7,435	67	56	6,368	1,134
Ontario	2,813	2,791	10	12	2,414	387
1980						
Canada	7,807	7,701	58	48	6,636	1,122
Ontario	2,910	2,891	9	. . .	2,513	388

1) For 1973-1975, figures are as of April; all other years, figures are as of May.
2) See introductory notes of this chapter for an explanation of the coverage.
3) Refers to private wells, springs, etc.

Source: SC, *Household Facilities and Equipment*. (64-202)

Table 9.11
Principal Heating Fuel and Equipment, Canada and Ontario, 1970-1980[1]

		Heating Fuel							Heating Equipment						
										Hot Air Furnaces					
	Total House-holds[2]	Oil or Other Liquid Fuel[3]	Piped Gas	Bot-tled Gas	Elec-tri-city	Coal or Coke	Wood	Other[4]	Steam or Hot Water Fur-naces	Forced	Other	Heat-ing Stoves	Elec-tri-city	Cook Stoves or Ranges	Other[5]
								000's							
1970															
Canada	5,784	3,349	1,872	59	231	97	175	--	1,268	2,986	383	772	231	136	9
Ontario	2,140	1,182	791	10	91	36	30	--	500	1,268	111	151	91	15	--
1971															
Canada	5,933	3,406	1,937	70	290	60	165	6	1,420	3,061	294	734	290	123	12
Ontario	2,208	1,189	843	16	110	16	29	--	560	1,289	91	140	110	14	--
1972															
Canada	6,111	3,473	1,995	65	390	51	135	--	1,421	3,217	289	653	390	127	14
Ontario	2,275	1,190	880	13	161	11	19	--	531	1,357	88	123	161	11	4
1973															
Canada	6,301	3,498	2,120	75	442	38	127	--	1,505	3,314	260	673	441	95	15
Ontario	2,354	1,214	928	15	164	10	21	--	583	1,393	87	113	164	11	--
1974															
Canada	6,513	3,492	2,240	70	563	29	115	--	1,552	3,462	243	599	563	77	17
Ontario	2,440	1,185	999	15	211	5	21	--	605	1,429	67	114	211	9	4
1975															
Canada	6,721	3,475	2,332	74	706	22	107	5	1,556	3,564	222	578	706	83	13
Ontario	2,523	1,186	1,046	16	250	--	18	--	592	1,483	65	118	250	9	6
1976															
Canada	6,949	3,306	2,544	58	913	20	103	5	1,601	3,654	216	469	913	84	11
Ontario	2,606	1,088	1,176	17	302	--	19	--	600	1,544	63	76	302	16	6
1977															
Canada	7,119	3,216	2,678	57	1,027	28	108	--	1,623	3,750	220	467	981	64	12
Ontario	2,666	1,072	1,242	19	306	--	21	...	633	1,582	61	92	287	--	...
1978															
Canada	7,320	3,189	2,721	55	1,188	32	133	...	1,654	3,781	230	431	1,142	68	13
Ontario	2,741	1,102	1,222	16	365	6	29	...	664	1,584	58	79	343	10	
1979															
Canada	7,558	3,140	2,843	49	1,366	18	140	...	1,744	3,817	219	408	1,296	56	18
Ontario	2,813	1,065	1,293	17	400	...	34	...	665	1,620	55	84	372	9	9
1980															
Canada	7,807	2,914	3,078	52	1,522	21	218	--	1,653	4,032	209	386	1,462	54	12
Ontario	2,910	1,029	1,398	12	406	. . .	59	--	618	1,751	65	86	378	. . .	--

1) For 1974, figures are as of April; for 1970, 1972, 1976, 1978 and 1979, figures are as of May.
2) See introductory note of this chapter for an explanation of the coverage.
3) Includes kerosene
4) Mainly sawdust.
5) Includes central heating and fireplaces

Table 9.12
Toilet and Installed Bath Facilities, Canada and Ontario, 1967-1980[1]

	Total Households[2]	Households with flush toilets				Chemical Toilets	Households without Toilets	Households with installed baths or showers				Households without Installed Baths or Showers
		Total	One Flush Toilet	Two Flush Toilets[3]	Three or More Flush Toilets			Total	Exclusive use: One Bathroom	Exclusive use: Two or more Bathrooms	Shared Use	
	'000's											
1967												
Canada	5,293	4,902	4,152	750	..	53	339	4,757	..	..	78	536
Ontario	1,939	1,864	1,500	363	..	8	68	1,847	..	..	24	92
1968												
Canada	5,458	5,103	4,294	724	85	48	307	4,978	4,575	342	61	480
Ontario	2,003	1,939	1,563	335	41	7	57	1,925	1,761	145	19	78
1969												
Canada	5,616	5,285	4,343	825	118	41	290	5,163	4,702	414	47	453
Ontario	2,062	1,999	1,548	396	55	6	56	1,990	1,788	187	15	72
1970												
Canada	5,784	5,500	4,498	868	133	43	242	5,366	4,864	446	55	418
Ontario	2,140	2,088	1,632	396	60	6	46	2,070	1,859	187	23	71
1971												
Canada	5,933	5,658	4,530	977	151	38	238	5,540	4,981	510	49	393
Ontario	2,208	2,155	1,636	453	66	7	46	2,142	1,905	224	13	66
1972												
Canada	6,111	5,868	4,710	1,019	139	37	206	5,757	5,155	551	51	355
Ontario	2,275	2,232	1,710	460	61	4	40	2,216	1,979	224	12	59
1973												
Canada	6,301	6,072	4,813	1,092	166	44	186	6,001	5,340	607	54	300
Ontario	2,354	2,306	1,728	506	72	7	40	2,300	2,021	264	14	54
1974												
Canada	6,513	6,332	4,921	1,230	181	33	147	6,264	5,494	718	52	249
Ontario	2,440	2,407	1,768	565	75	5	27	2,401	2,085	303	14	39
1975												
Canada	6,721	6,549	5,038	1,313	198	31	141	6,510	5,694	769	46	211
Ontario	2,523	2,488	1,803	595	90	7	28	2,487	2,171	302	13	36
1976												
Canada	6,949	6,818	5,145	1,420	252	17	114	6,783	5,825	916	42	166
Ontario	2,606	2,581	1,820	643	118	4	21	2,577	2,181	385	10	30
1977												
Canada	7,119	6,985	5,152	1,557	275	17	117	6,962	5,970	951	41	157
Ontario	2,666	2,641	1,857	665	119	5	20	2,641	2,262	370	9	25
1978												
Canada	7,320	7,176	5,232	1,667	277	19	125	7,183	6,127	998	57	137
Ontario	2,741	2,702	1,841	747	114	--	35	2,720	2,315	381	--	21
1979												
Canada	7,558	7,442	5,368	1,757	317	14	102	7,444	6,191	1,212	41	114
Ontario	2,813	2,786	1,911	760	116	. . .	25	2,794	2,285	494	16	19
1980												
Canada	7,807	7,710	5,412	1,924	375	16	81	7,701	6,345	1,330	26	105
Ontario	2,910	2,890	1,878	881	131	--	18	2,891	2,353	526	. . .	19

1) For 1973-1975, figures are as of April; all other years, figures are as of May.
2) See introductory note of this chapter for an explanation of the coverage.
3) For 1967, read "Two or More Flush Toilets".

Source: SC, *Household Facilities and Equipment*. (64-202)

Table 9.13
Electric Refrigerators, Home Freezers, Electric Washing Machines and Clothes Dryers[1], Canada and Ontario, 1967-1980[2]

		Electric Refrigerators		Home Freezers		Households with Electric Washers		Households without Electric Washers	Households with Clothes Dryers		Households without Clothes Dryers
	Total Households[3]	Households with	Households without	Households with	Households without	Automatic[4]	Other[5]		Electric[4]	Gas	
	'000's										
1967											
Canada	5,293	5,147	146	1,464	3,829	1,590	2,920	783	1,678	144	3,471
Ontario	1,939	1,917	22	532	1,407	557	1,049	333	692	76	1,171
1968											
Canada	5,458	5,318	139	1,590	3,868	1,746	2,817	895	1,851	156	3,451
Ontario	2,003	1,984	19	578	1,425	604	1,017	382	749	77	1,176
1969											
Canada	5,616	5,508	108	1,738	3,878	2,044	2,656	916	2,096	177	3,343
Ontario	2,062	2,048	14	651	1,411	709	956	397	830	98	1,134
1970											
Canada	5,784	5,693	92	1,920	3,864	2,339	2,503	943	2,361	200	3,224
Ontario	2,140	2,125	15	699	1,441	797	929	415	898	95	1,147
1971											
Canada	5,933	5,829	104	2,019	3,913	2,340	2,409	1,184	2,354	202	3,377
Ontario	2,208	2,186	22	755	1,453	803	908	497	888	103	1,216
1972											
Canada	6,111	6,029	82	2,174	3,937	2,611	2,206	1,294	2,405	212	3,495
Ontario	2,275	2,259	16	792	1,483	877	812	586	889	106	1,279
1973											
Canada	6,301	6,215	86	2,353	3,948	2,834	2,035	1,432	2,626	214	3,462
Ontario	2,354	2,329	24	866	1,488	956	754	643	940	106	1,308
1974											
Canada	6,513	6,440	72	2,590	3,923	3,190	1,862	1,461	2,905	243	3,365
Ontario	2,440	2,425	15	947	1,492	1,100	681	658	1,023	125	1,292
1975											
Canada	6,721	6,671	50	2,809	3,913	3,506	1,662	1,554	3,232	239	3,251
Ontario	2,523	2,511	12	1,020	1,502	1,185	613	725	1,115	125	1,283
1976											
Canada	6,949	6,891	58	3,021	3,928	3,891	1,403	1,654	3,562	238	3,149
Ontario	2,606	2,594	13	1,155	1,451	1,339	536	731	1,236	124	1,246
1977											
Canada	7,119	7,074	44	3,381	3,738	4,216	1,226	1,676	3,919	260	2,940
Ontario	2,666	2,659	7	1,249	1,417	1,413	473	781	1,319	143	1,205
1978											
Canada	7,320	7,276	44	3,455	3,864	4,328	1,261	1,731	4,100	251	2,968
Ontario	2,741	2,728	13	1,292	1,448	1,477	486	778	1,392	129	1,219
1979											
Canada	7,558	7,515	43	3,696	3,861	4,573	1,152	1,833	4,294	242	3,022
Ontario	2,813	2,801	—	1,362	1,451	1,548	424	841	1,442	127	1,244
1980											
Canada	7,807	7,773	34	3,980	3,826	5,033	1,004	1,769	4,677	253	2,877
Ontario	2,910	2,900	. . .	1,489	2,421	1,744	363	804	1,582	130	1,198

1) Includes only washing machines and dryers inside the dwelling.
2) For 1973-1975, figures are as of April; all other years, figures are as of May.
3) See introductory note of this chapter for an explanation of the coverage.
4) Combination washer-dryers are included in both electric washing machines and electric dryers.
5) Mostly wringer-washers.

Source: SC, *Household Facilities and Equipment*, (64-202)

Table 9.14
Air Conditioners and Automatic Dishwashers, Canada and Ontario, 1967-1980[1]

	Total Households[2]	Households with Air Conditioners		Households without Air Conditioners[3]	Households with Automatic Dishwashers	Households without Automatic Dishwashers
		Window Type	Central Unit			
	'000's					
1967						
Canada	5,293	168	..	5,125	232	5,061
Ontario	1,939	98	..	1,841	77	1,862
1968						
Canada	5,458	174	..	5,284	277	5,180
Ontario	2,003	104	..	1,899	105	1,898
1969						
Canada	5,616	218	..	5,398	364	5,253
Ontario	2,062	143	..	1,919	141	1,921
1970						
Canada	5,784	246	..	5,538	436	5,348
Ontario	2,140	157	..	1,983	152	1,988
1971						
Canada	5,933	317	..	5,616	510	5,423
Ontario	2,208	197	..	2,010	189	2,019
1972						
Canada	6,111	353	..	5,758	564	5,547
Ontario	2,275	221	..	2,054	191	2,084
1973						
Canada	6,301	417	..	5,885	673	5,628
Ontario	2,354	268	..	2,086	246	2,108
1974						
Canada	6,513	494	166	5,853	839	5,674
Ontario	2,440	331	86	2,023	286	2,154
1975						
Canada	6,721	619	212	5,891	1,023	5,698
Ontario	2,523	407	117	1,998	341	2,181
1976						
Canada	6,949	670	254	6,025	1,296	5,653
Ontario	2,606	463	168	1,974	470	2,136
1977						
Canada	7,119	779	311	6,029	1,550	5,569
Ontario	2,666	501	198	1,967	523	2,143
1978						
Canada	7,320	785	331	6,203	1,744	5,575
Ontario	2,741	514	226	2,001	595	2,146
1979						
Canada	7,558	870	380	6,308	1,984	5,574
Ontario	2,813	555	236	2,021	641	2,172
1980						
Canada	7,807	892	414	6,500	2,228	5,578
Ontario	2,910	546	279	2,085	733	2,176

1) For 1973-1975, figures are as of April; all other years, figures are as of May
2) See introductory note of this chapter for an explanation of the coverage
3) This column includes central unit air conditioner totals from 1967-1973.

Source: SC, *Household Facilities and Equipment*, (64-202)

Table 9.15
Automobiles and Garages, Canada and Ontario, 1967-1980[1]

	Total Households[2]	Households with Automobiles: One Automobile	Two Automobiles[4]	Three or More Automobiles	Households without Automobiles	Garage on Premises[3]: Households with	Garage on Premises[3]: Households without
	'000's						
1967							
Canada	5,293	3,218	788	..	1,287	2,172	3,122
Ontario	1,939	1,201	345	..	393	889	1,050
1968							
Canada	5,458	3,333	842	..	1,283	2,252	3,206
Ontario	2,003	1,260	370	..	373	937	1,065
1969							
Canada	5,616	3,426	895	..	1,295	2,329	3,287
Ontario	2,062	1,279	387	..	396	982	1,080
1970							
Canada	5,784	3,524	969	..	1,292	2,383	3,401
Ontario	2,140	1,307	427	..	406	1,011	1,129
1971							
Canada	5,933	3,530	1,068	..	1,335	2,266	3,667
Ontario	2,208	1,324	454	..	430	960	1,248
1972							
Canada	6,111	3,592	969	161	1,389	2,383	3,729
Ontario	2,275	1,347	412	66	450	995	1,280
1973							
Canada	6,301	3,613	1,099	198	1,392	2,464	3,838
Ontario	2,354	1,351	471	73	458	1,049	1,305
1974							
Canada	6,513	3,674	1,179	225	1,435	2,521	3,992
Ontario	2,440	1,372	497	89	482	1,100	1,340
1975							
Canada	6,721	3,756	1,296	248	1,421	2,580	4,141
Ontario	2,523	1,400	538	86	499	1,130	1,392
1976							
Canada	6,949	3,820	1,393	301	1,434	2,668	4,281
Ontario	2,606	1,431	571	107	498	1,190	1,416
1977							
Canada	7,119	3,883	1,431	302	1,502	2,652	4,466
Ontario	2,666	1,428	584	112	542	1,154	1,512
1978							
Canada	7,320	3,989	1,445	310	1,574	2,783	4,537
Ontario	2,741	1,467	612	117	545	1,211	1,530
1979							
Canada	7,558	4,138	1,443	313	1,665	2,768	4,790
Ontario	2,813	1,515	595	127	576	1,197	1,616
1980							
Canada	7,807	4,192	1,653	386	1,576	2,876	4,931
Ontario	2,910	1,513	676	147	573	1,283	1,627

1) For 1973-1975, figures are as of April; all other years, figures are as of May.
2) See introductory note of this chapter for an explanation of the coverage.
3) Excludes carports and communal parking lots in basements of apartment blocks.
4) For 1967-1971, read "Two or More Automobiles".

Source: SC, *Household Facilities and Equipment*, (64-202)

Table 9.16
Households with Automobiles, Showing Numbers with and without Radios and FM Radios, Canada and Ontario, 1967-1980[1]

	Households with Automobiles	Households with One Automobile		Households with Two or More Automobiles		Households with Automobiles	
		Radio-Equipped	Not Radio-Equipped	Radio-Equipped[2]	Not Radio-Equipped	With FM Radio	Without FM Radio
	'000's						
1967							
Canada	4,006	2,309	909	715	73	..	..
Ontario	1,546	845	356	316	29	..	..
1968							
Canada	4,175	2,512	821	781	61	..	..
Ontario	1,630	946	314	346	24	..	..
1969							
Canada	4,321	2,693	733	836	59	..	..
Ontario	1,666	1,002	277	362	25	..	..
1970							
Canada	4,492	2,855	668	912	57	..	..
Ontario	1,734	1,055	252	402	24	..	..
1971							
Canada	4,598	2,904	627	1,014	53	447	4,151
Ontario	1,778	1,081	243	434	20	167	1,611
1972							
Canada	4,723	3,037	555	1,082	48	571	4,152
Ontario	1,825	1,134	212	461	17	214	1,610
1973							
Canada	4,909	3,117	496	1,250	46	696	4,213
Ontario	1,896	1,166	186	528	16	261	1,634
1974							
Canada	5,078	3,201	473	1,360	44	841	4,237
Ontario	1,958	1,194	178	569	16	304	1,654
1975							
Canada	5,300	3,342	414	1,509	35	1,034	4,266
Ontario	2,024	1,234	166	611	13	387	1,637
1976							
Canada	5,514	3,445	376	1,663	31	1,283	4,231
Ontario	2,108	1,284	147	667	11	490	1,618
1977							
Canada	5,617	3,548	335	1,709	25	1,541	4,076
Ontario	2,124	1,282	146	686	11	600	1,525
1978							
Canada	5,745	3,705	284	1,729	27	1,861	3,885
Ontario	2,196	1,340	127	718	11	713	1,483
1979							
Canada	5,893	3,914	224	1,742	13	2,257	3,636
Ontario	2,238	1,426	89	716	6	883	1,355
1980							
Canada	6,230	3,985	207	2,022	16	2,734	3,497
Ontario	2,337	1,433	80	819	. . .	1,066	1,271

1) For 1973-1975, figures are as of April; all other years, figures are as of May.
2) At least one automobile is radio-equipped.

Source: SC, *Household Facilities and Equipment*, (64-202)

Table 9.17
Telephone and Radios, Canada and Ontario, 1967-1980[1]

		Telephones				Radios[3]				
		Households with			Households without Telephones	Households with				Households without Radios
	Total Households[2]	One	Two[4]	Three or More		One	Two	Three	Four or More	
	'000's									
1967										
Canada	5,294	4,027	828	..	439	2,265	1,506	748	599	175
Ontario	1,939	1,482	365	..	92	743	563	309	255	69
1968										
Canada	5,458	4,160	900	..	397	2,309	1,559	769	647	174
Ontario	2,003	1,517	406	..	80	750	603	312	275	63
1969										
Canada	5,616	4,235	1,037	..	344	2,258	1,599	868	744	147
Ontario	2,062	1,507	476	..	79	740	596	349	326	51
1970										
Canada	5,784	4,290	1,143	..	351	2,210	1,677	918	818	161
Ontario	2,140	1,549	511	..	81	727	637	360	356	60
1971										
Canada	5,933	4,343	1,246	..	344	2,200	1,789	960	823	161
Ontario	2,208	1,565	562	..	81	737	670	386	359	55
1972										
Canada	6,111	4,504	1,087	190	331	2,135	1,833	1,044	953	146
Ontario	2,275	1,634	485	74	83	700	705	418	399	54
1973										
Canada	6,301	4,530	1,238	219	314	2,046	1,880	1,125	1,107	143
Ontario	2,354	1,611	565	99	79	655	719	450	479	50
1974										
Canada	6,513	4,584	1,404	253	271	2,000	1,985	1,220	1,189	119
Ontario	2,440	1,644	615	105	76	667	750	489	487	47
1975										
Canada	6,721	4,674	1,532	275	240	2,009	2,096	1,265	1,236	115
Ontario	2,523	1,661	671	126	65	700	752	511	517	43
1976										
Canada	6,949	4,772	1,637	297	242	2,007	2,182	1,322	1,336	101
Ontario	2,606	1,717	698	126	66	671	792	523	583	37
1977										
Canada	7,119	4,728	1,799	337	254	2,019	2,245	1,368	1,344	142
Ontario	2,666	1,709	742	152	64	677	825	547	564	55
1978										
Canada	7,320	4,822	1,862	379	257	1,858	2,404	1,495	1,449	112
Ontario	2,741	1,684	807	178	72	597	870	598	637	40
1979										
Canada	7,558	4,902	2,012	433	210	2,182	2,417	1,452	1,385	121
Ontario	2,813	1,732	839	188	54	728	878	600	565	43
1980										
Canada	7,807	4,997	2,188	437	185	2,140	2,548	1,558	1,456	105
Ontario	2,910	1,759	908	183	60	723	939	604	600	44

1) For 1973-1975, figures are as of April; for all other years, figures are as of May.
2) See introductory note of this chapter on explanation of the coverage.
3) All types except automobile radios.
4) For 1967-1971, read "Two or More Telephones".

Source: SC, *Household Facilities and Equipment*, (64-202)

Table 9.18

Black and White and Colour Television Sets, Canada and Ontario, 1967-1980[1]

	Total Households[2]	T.V. - All Types: Households with One	T.V. - All Types: Households with Two or More	T.V. - All Types: Households without T.V.	Black and White T.V.: Households with One	Black and White T.V.: Households with Two or More	Black and White T.V.: Households without Black and White T.V.	Colour T.V.: Households with One	Colour T.V.: Households with Two or More	Colour T.V.: Households without Colour T.V.
	'000's									
1967										
Canada	5,293	4,176	830	287	..	..	..	103	..	5,187
Ontario	1,939	1,504	359	76	..	..	..	53	..	1,885
1968										
Canada	5,458	4,232	964	262	..	..	..	229	..	5,227
Ontario	2,003	1,528	404	71	..	..	..	109	..	1,893
1969										
Canada	5,616	4,267	1,124	225	..	..	..	438	13	5,165
Ontario	2,062	1,534	464	63	..	..	..	198	7	1,856
1970										
Canada	5,784	4,282	1,270	232	..	..	..	682	19	5,084
Ontario	2,140	1,555	513	72	..	..	..	292	10	1,838
1971										
Canada	5,933	4,335	1,368	230	..	..	..	1,065	26	4,841
Ontario	2,208	1,603	537	67	..	..	..	439	12	1,756
1972										
Canada	6,111	4,407	1,447	258	4,281	838	993	1,444	35	4,632
Ontario	2,275	1,633	564	77	1,591	310	374	588	13	1,674
1973										
Canada	6,301	4,353	1,698	251	4,182	813	1,306	2,020	70	4,212
Ontario	2,354	1,607	667	79	1,555	292	507	812	34	1,508
1974										
Canada	6,513	4,295	1,981	237	3,997	775	1,741	2,777	122	3,614
Ontario	2,440	1,594	762	83	1,491	285	663	1,080	51	1,309
1975										
Canada	6,721	4,366	2,140	215	3,907	650	2,164	3,406	183	3,132
Ontario	2,523	1,630	823	70	1,463	240	819	1,305	79	1,139
1976										
Canada	6,949	4,432	2,281	236	3,762	576	2,611	3,958	254	2,737
Ontario	2,606	1,657	871	78	1,390	222	995	1,520	102	985
1977										
Canada	7,119	4,516	2,401	202	3,486	522	3,111	4,449	380	2,290
Ontario	2,666	1,704	890	72	1,300	195	1,171	1,658	150	859
1978										
Canada	7,320	4,630	2,491	198	3,346	473	3,501	4,811	483	2,026
Ontario	2,741	1,685	985	71	1,277	196	1,268	1,792	193	756
1979										
Canada	7,558	4,706	2,683	170	3,314	421	3,823	5,200	598	1,760
Ontario	2,813	1,736	1,021	56	1,235	146	1,432	1,966	230	618
1980										
Canada	7,807	4,639	2,989	179	3,253	415	4,139	5,599	736	1,472
Ontario	2,910	1,720	1,122	67	1,200	149	1,561	2,098	283	529

1) For 1973-1975, figures are as of April; all other years, figures are as of May.
2) See introductory note of this chapter for an explanation of the coverage.

Source: SC, *Household Facilities and Equipment*, (64-202)

Table 9.19
Record Players and Tape Recorders, Canada and Ontario, 1967-1980[1]

	Total Households[2]	Households with Record Players and Tape Recorders			Households without Record Players or Tape Recorders
		Total[3]	Record Players	Tape Recorders	
			'000's		
1967					
Canada	5,293	3,407	3,407	. .	1,886
Ontario	1,939	1,304	1,304	. .	635
1968					
Canada	5,458	3,599	3,599	. .	1,859
Ontario	2,003	1,378	1,378	. .	625
1969					
Canada	5,616	3,839	3,839	. .	1,777
Ontario	2,062	1,471	1,471	. .	591
1970					
Canada	5,784	4,026	4,026	. .	1,758
Ontario	2,140	1,522	1,522	. .	619
1971					
Canada	5,933	4,155	4,155	. .	1,778
Ontario	2,208	1,595	1,595	. .	613
1972					
Canada	6,111	4,334	4,334	. .	1,777
Ontario	2,275	1,662	1,662	. .	613
1973					
Canada	6,301	4,556	4,556	. .	1,745
Ontario	2,354	1,749	1,749	. .	605
1974					
Canada	6,513	4,849	4,849	. .	1,664
Ontario	2,440	1,852	1,852	. .	588
1975					
Canada	6,721	5,087	5,087	. .	1,634
Ontario	2,523	1,938	1,938	. .	585
1976					
Canada	6,949	5,317	5,317	. .	1,632
Ontario	2,606	2,038	2,038	. .	568
1977					
Canada	7,119	5,509	5,509	. .	1,609
Ontario	2,666	2,100	2,100	. .	566
1978					
Canada	7,320	5,768	5,768	. .	1,552
Ontario	2,741	2,210	2,210	. .	531
1979					
Canada	7,558	6,219	5,840	4,153	1,339
Ontario	2,813	2,349	2,202	1,608	464
1980					
Canada	7,807	6,478	6,230	3,769	1,329
Ontario	2,910	2,440	2,338	1,471	470

1) For 1973–1975, figures are as of April; all other years, figures are as of May.
2) See introductory note of this chapter for an explanation of the coverage.
3) Sum of kinds of equipment is greater than total households with equipment since some households have more than one kind.

Source: SC, *Household Facilities and Equipment*, (64-202)

Table 9.20
FM Receivers and Battery/Transistor Radios, Canada and Ontario, 1967-1980[1]

	Total Households[2]	FM Receivers[3]		Battery-Operated or Transistor Radios[4]	
		Households with	Households without	Households with	Households without
		'000's			
1967					
Canada	5,293	1,820	3,473	2,599	2,694
Ontario	1,939	777	1,162	977	962
1968					
Canada	5,458	2,204	3,254	2,810	2,648
Ontario	2,003	936	1,067	1,050	953
1969					
Canada	5,616	2,692	2,924	3,150	2,467
Ontario	2,062	1,133	929	1,155	907
1970					
Canada	5,784	3,060	2,724	3,299	2,486
Ontario	2,140	1,255	885	1,226	914
1971					
Canada	5,933	3,416	2,517	3,522	2,411
Ontario	2,208	1,400	808	1,294	914
1972					
Canada	6,111	3,815	2,296	3,816	2,295
Ontario	2,275	1,559	715	1,381	893
1973					
Canada	6,301	4,235	2,066	4,093	2,208
Ontario	2,354	1,715	638	1,521	832
1974					
Canada	6,513	4,665	1,847	4,191	2,322
Ontario	2,440	1,851	588	1,534	905
1975					
Canada	6,721	5,089	1,632	4,238	2,483
Ontario	2,523	2,002	521	1,542	981
1976					
Canada	6,949	5,317	1,632	4,155	2,794
Ontario	2,606	2,094	512	1,534	1,072
1977					
Canada	7,119	5,858	1,261	4,082	3,036
Ontario	2,666	2,254	412	1,443	1,223
1978					
Canada	7,320	6,160	1,159	4,049	3,270
Ontario	2,741	2,383	358	1,454	1,287
1979					
Canada	7,558	6,508	1,049	3,804	3,754
Ontario	2,813	2,498	315	1,345	1,468
1980					
Canada	7,807	6,835	971	4,007	3,800
Ontario	2,910	2,600	310	1,389	1,520

1) For 1973-1975, figures are as of April; all other years, figures are as of May.
2) See the introductory note of this chapter for an explanation of the coverage.
3) Includes all types of FM receivers except those in automobiles.
4) Includes all types of battery-operated or transistor radios which can be operated without a plug.

Source: SC, *Household Facilities and Equipment*, (64-202)

Table 9.21
Snowblowers and Lawn-mowers, Canada and Ontario, Selected Years, 1970-1980[1]

	1970		1972		1974	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
			'000's			
Total Households[2]	5,784	2,140	6,111	2,275	6,513	2,440
Snowblowers						
Households with	..	..	278	122	421	172
Households without	..	..	5,834	2,153	6,092	2,268
Lawn-mowers						
Powermowers	2,716	1,123	2,966	1,206	3,202	1,247
Gasoline	2,050	882	2,167	919	2,254	907
Electric	665	241	799	288	948	340
Hand	605	293	523	264	447	232
Households without Lawn-mowers	2,464	725	2,622	804	2,864	961

Table 9.21 (cont'd)

	1976		1978		1980	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
				'000's		
Total Households[2]	6,949	2,606	7,320	2,741	7,807	2,910
Snowblowers						
Households with	545	209	695	271	861	352
Households without	6,404	2,398	6,625	2,470	6,945	2,558
Lawn-mowers						
Powermowers	3,556	1,412	3,893	1,492	4,364	1,668
Gasoline	2,457	993	2,715	1,041	3,089	1,203
Electric	1,099	419	1,178	451	1,276	465
Hand	381	211	298	161	273	153
Households without Lawn-mowers	3,011	983	3,129	1,088	3,169	1,090

1) For 1974, figures are as of April; for 1968, 1970, 1972, 1976 and 1978, figures are as of May.
2) See introductory note of this chapter for an explanation of the coverage.

Source: SC, *Household Facilities and Equipment*, (64-202)

Section
10

Media and Communications

Highlights

- **Telephone and Telegraph** – In 1979 the telephone exchange showing the highest number of telephones per 100 population was Toronto with 84.0 followed by Barrie with 78.1 and Ottawa with 76.2.

  There were 8.2 billion telephone calls in 1979 in Ontario. This represents a 3.0 per cent increase from the previous year. In 1979 there were 1,284 local calls per telephone and 73 long distance calls per telephone for a total of 1,357. In terms of total calls per capita, the 1979 mark of 1,054 for Bell Canada in Ontario is a 13.0 per cent increase from the previous year and compares with 955 calls per capita for the rest of Canada.

  The number of telegrams sent in Ontario in 1979 totalled 0.8 million, a 7.5 per cent decrease from the 1978 figure and 53.9 per cent below the 1972 mark of 1.8 million.

- **Radio and Television** – Of the 117 originating television stations in Canada in 1981, Ontario had 30.8 per cent. There are a total of 140 stations in Ontario, 36 of which are originating stations and 104 rebroadcasters.

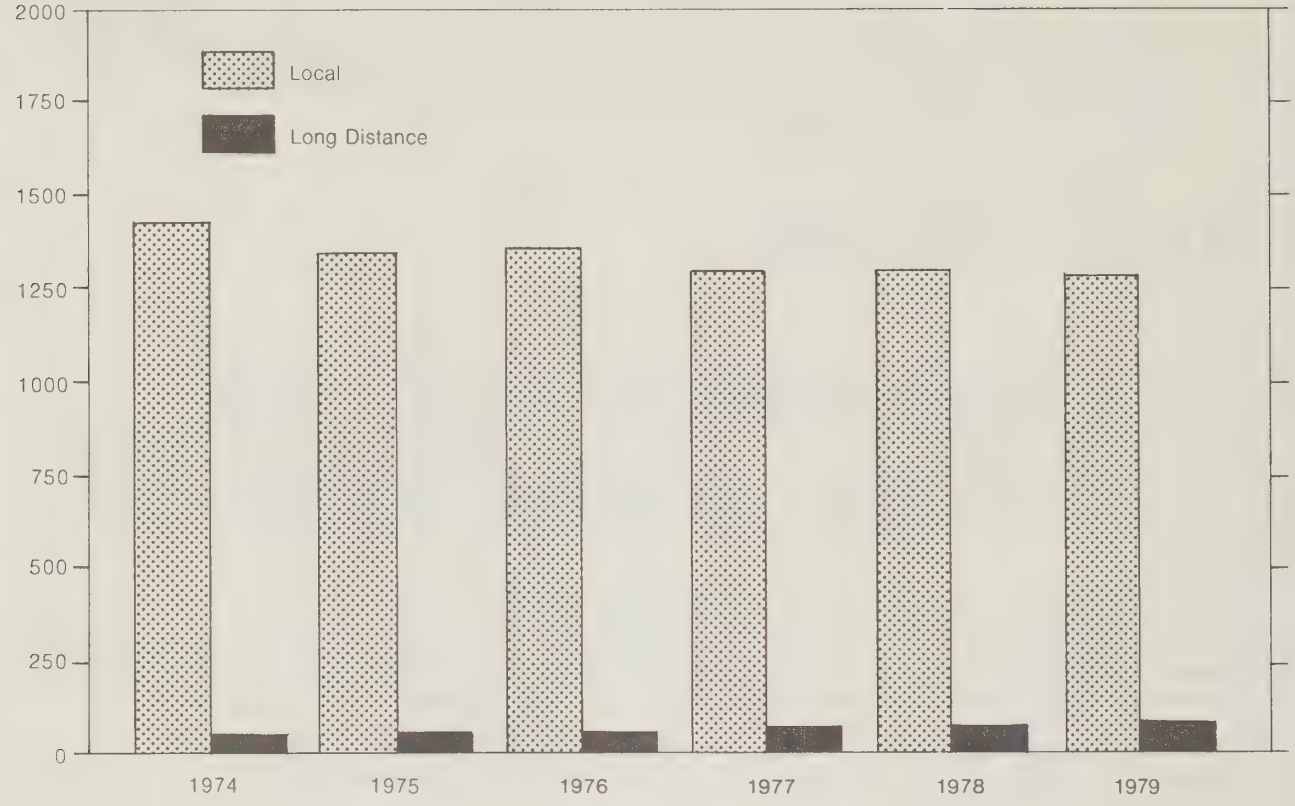
  Of the 390 originating AM stations in Canada 25.4 per cent in Ontario. Of the 197 originating FM stations, 41.6 per cent broadcast in Ontario. 6.6 per cent of the 181 originating radio stations in Ontario broadcast in languages other than English.

- **Print** – In 1979, of a total stock of 47.8 million books in all Canadian public libraries, 24.3 million or 50.8 per cent were in Ontario libraries.

  Of the three leading newspapers in Toronto (The Star, The Globe and Mail and The Sun), The Star represented 48.5 per cent of the circulation in 1980.

Graph 10.A

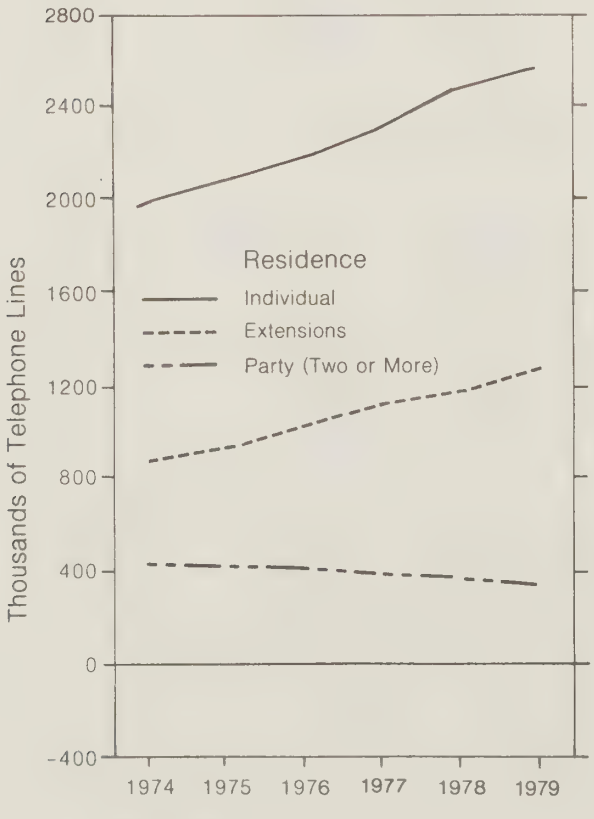
Telephone Calls Per Telephone, Ontario, 1974-1979



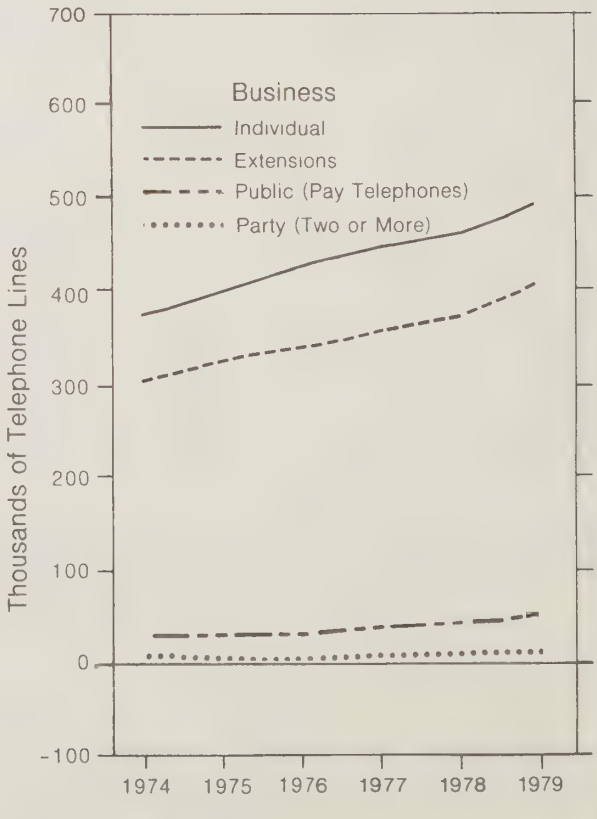
Refer to Table 10.2

Graph 10.B

Telephones by Type of Service, Ontario, 1974-1979

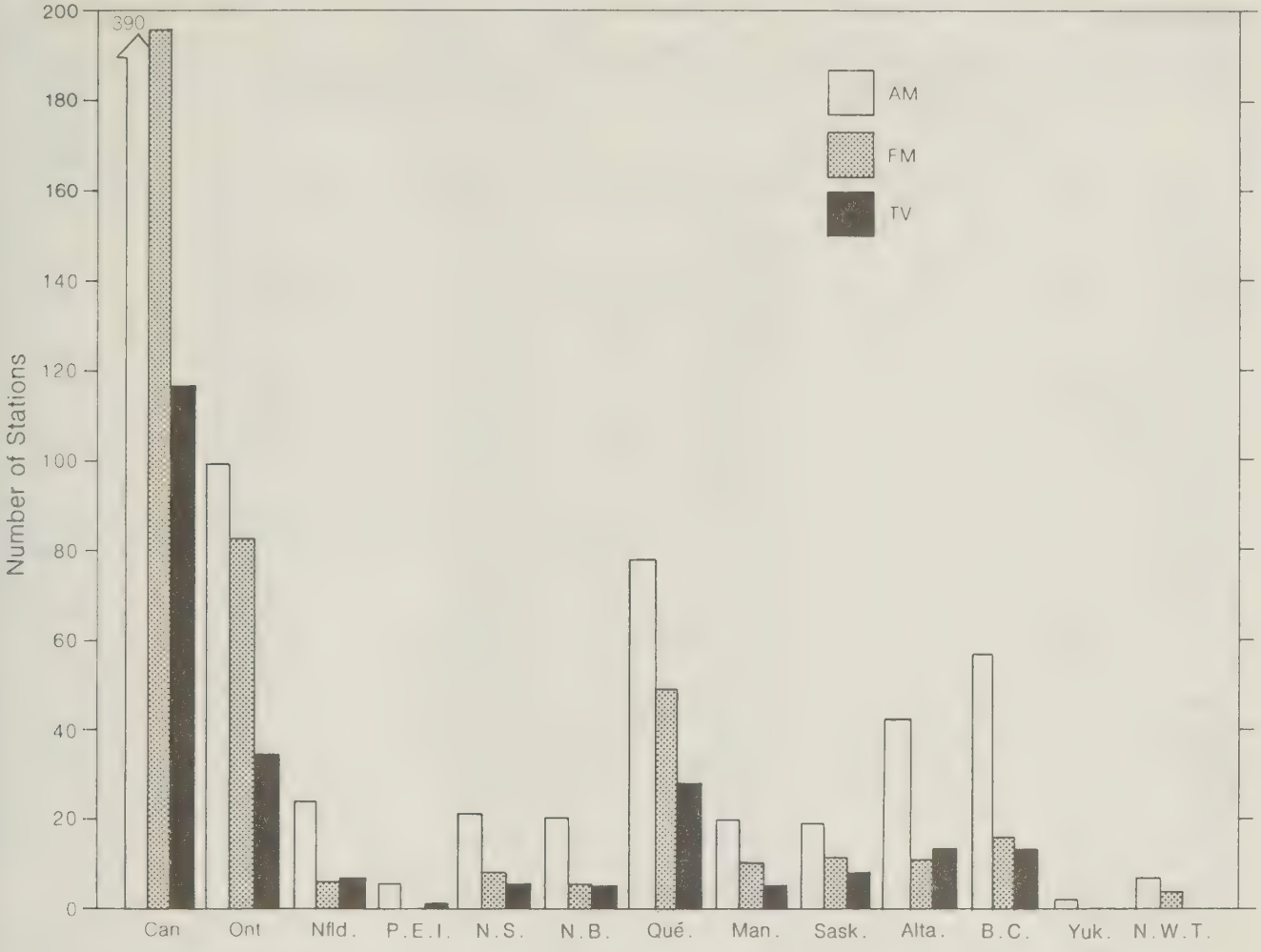


Refer to Table 10.3.



Refer to Table 10.3

Graph 10.C
AM, FM and TV Originating Stations, Canada and Provinces, March, 1981



Refer to Tables 10.5 and 10.6

Graph 10.D
Stock and Circulation for all Public Libraries, Ontario, 1966-1979[1]



[1]No values for 1969. 1979 data are preliminary

Refer to Table 10.7

Table 10.1
Telephones in Selected Telephone Exchanges, Ontario, 1979

	Residence	Business	Total	Number of Telephones Per 100 Population
Toronto[1]	1,149,576	647,794	1,797,370	84.0
Ottawa	244,115	167,592	411,707	76.2
Hamilton	161,629	65,164	226,793	70.9
London	142,011	58,735	200,746	74.6
Windsor	100,510	36,784	137,294	71.6
Kitchener-Waterloo	97,266	36,916	134,182	68.1
St. Catharines	72,197	22,640	94,837	66.8
Thunder Bay	57,420	35,072	92,492	74.0
Cooksville	63,708	28,099	91,807	74.6
Kingston	52,961	22,963	75,924	73.9
Oshawa	60,207	17,628	77,835	64.1
Sudbury[2]	43,334	20,125	63,469	66.1
Burlington	56,723	15,559	72,782	62.5
Brampton	65,228	22,447	87,675	65.8
Guelph	40,774	15,433	56,207	70.3
Sault Ste. Marie	38,342	13,467	51,809	61.7
Sarnia	34,191	15,572	59,763	69.5
Peterborough	35,623	15,001	50,624	73.4
Niagara Falls	34,581	13,129	47,710	64.5
North Bay	23,971	11,053	35,024	68.7
Chatham	25,190	10,264	35,454	65.7
Barrie	25,824	11,185	37,009	78.1
Cornwall	22,912	10,039	32,951	62.8

1) Includes Weston, Willowdale-Don Mills, New Toronto-Islington, Scarborough, Agincourt.
2) Includes Copper Cliff.

Source: SC, *Telephone Statistics, (56-203)*

Table 10.2
Telephone Calls, Canada and Ontario[1], 1974-1979

	Telephone Calls			Calls Per Telephone			Total Calls Per Capita
	Local	Long Distance	Total	Local	Long Distance	Total	
1974							
Canada	19,936,758,111	764,248,373	20,701,006,484	1,601	61	1,662	914
Ontario	11,717,950,961	477,372,169	12,195,323,130	1,446	59	1,505	851
1975							
Canada	20,340,604,808	853,504,660	21,194,109,648	1,545	65	1,610	922
Ontario	11,605,530,453	522,443,105	12,127,973,558	1,363	61	1,424	836
1976							
Canada	21,301,348,468	917,812,442	22,219,160,910	1,534	66	1,600	953
Ontario	6,948,953,215	356,657,927	7,305,611,142	1,299	68	1,367	870
1977							
Canada	22,249,409,663	991,434,363	23,240,844,026	1,536	68	1,604	991
Ontario	7,336,043,177	372,325,955	7,708,369,132	1,316	68	1,384	913
1978							
Canada	22,986,788,127	1,082,618,745	24,069,406,872	1,515	71	1,586	1,020
Ontario	7,508,116,242	405,819,800	7,913,936,042	1,293	71	1,364	933
1979							
Canada	23,885,752,207	1,210,770,358	25,096,522,565	1,508	76	1,584	955
Ontario	7,723,311,471	431,609,656	8,154,921,127	1,284	73	1,357	1,054

1) 1974-1975 includes data of Bell Canada, which operates in Québec, Ontario and the Northwest Territories.

Source: SC, *Telephone Statistics, (56-203)*

Table 10.3
Telephones by Type of Service, Canada and Ontario, 1974-1979

	On Individual Lines		On 2 (or more) Party lines		Extensions		Public Pay Telephones	Other Types[1]	Total Telephones
	Residence	Business	Residence	Business	Residence	Business			
1974									
Canada	5,464,034	1,005,782	1,287,891	35,144	2,010,622	835,049	85,835	1,729,974	12,454,331
Ontario	2,102,533	379,602	432,612	10,826	874,414	310,156	32,023	715,371	4,857,537
1975									
Canada	5,769,742	1,086,725	1,272,583	34,076	2,194,210	904,922	89,431	1,813,321	13,165,010
Ontario	2,207,281	404,290	424,232	9,082	932,104	327,437	33,719	753,564	5,091,709
1976									
Canada	6,052,752	1,148,650	1,255,480	34,440	2,450,174	958,662	92,663	1,892,234	13,885,055
Ontario	2,307,055	424,837	413,082	9,012	1,040,237	342,431	35,040	777,554	5,349,248
1977									
Canada	6,324,122	1,208,711	1,222,678	34,421	2,632,349	1,002,421	97,674	1,965,405	14,487,781
Ontario	2,408,511	445,475	395,946	8,716	1,117,539	356,779	37,750	803,351	5,574,067
1978									
Canada	6,626,576	1,277,360	1,187,938	33,926	2,829,060	1,059,658	102,564	2,054,491	15,171,573
Ontario	2,504,211	467,465	380,732	7,982	1,198,976	372,074	40,446	833,621	5,805,507
1979									
Canada	6,903,348	1,350,786	1,144,489	36,031	3,030,051	1,129,622	107,878	2,136,749	15,838,954
Ontario	2,587,473	487,213	366,965	10,146	1,268,575	401,138	42,771	849,031	6.013,312

1) Other types include mobile, centrex, and PBX telephones as well as Wide Area Telephone service lines (WATS).

Source: SC, *Telephone Statistics, (56-203)*

Table 10.4
Summary of Pole Line, Wire Mileage, Number of Offices and Telegrams Sent, Canada and Ontario, 1972-1979

	Pole Line Mileage[1]	Wire Mileage	Number of Offices	Telegrams Sent
1972				
Canada	40,267	761,545	821	5,051,696
Ontario	9,638	177,212	150	1,758,148
1973				
Canada	37,832	754,608	805	3,454,264
Ontario	9,493	169,775	140	1,054,838
1974				
Canada	35,787	748,065	554	3,743,340
Ontario	8,679	147,708	88	1,278,421
1975				
Canada	32,152	767,609	443	4,115,209
Ontario	6,935	144,365	71	1,454,705
1976				
Canada	30,500	813,770	402	2,746,945
Ontario	6,731	143,385	60	1,062,594
1977				
Canada	28,543	846,445	347	2,311,817
Ontario	5,845	162,750	42	891,788
1978				
Canada	26,623	877,358	195	2,225,408
Ontario	5,545	136,070	30	876,218
1979				
Canada	26,136	919,143	111	1,953,083
Ontario	5,393	163,084	20	810,893

1) Excludes pole line mileage in Canada leased from telephone and power companies.

Source: SC, *Telecommunications Statistics, (56-201)*

Table 10.5
Television Stations, by Language, Canada and Provinces, March 1981

	Originating Stations[1]				Rebroadcasters[2]				
	Eng.	Fr.	Multi.[3]	Total	Eng.	Fr.	Multi.[3]	Total	Total TV Stations
Canada	85	27	5	117	868	204	2	1,074	1,191
Ontario	33	2	1	36	73	31	–	104	140
Newfoundland	6	–	–	6	121	3	–	124	130
Prince Edward Is.	1	–	–	1	2	2	–	4	5
Nova Scotia	4	–	–	4	34	9	–	43	47
New Brunswick	2	2	–	4	15	8	–	23	27
Québec	3	20	4	27	36	111	1	148	175
Manitoba	4	1	–	5	47	9	–	56	61
Saskatchewan	7	–	–	7	71	12	1	84	91
Alberta	12	1	–	13	92	11	–	103	116
British Columbia	12	1	–	13	323	7	–	330	343
Yukon	1	–	–	1	18	–	–	18	19
Northwest Territories	–	–	–	–	36	1	–	37	37

1) Originating Stations; originate (in whole or in part) a daily program schedule.
2) Rebroadcasting Stations; rebroadcast the program schedule of another station.
3) Multilingual Stations; broadcast in languages other than English or French.

Source: Canadian Radio-Television and Telecommunications Commission.

Table 10.6
AM and FM Stations, by Language, Canada and Provinces, March 1981

	Originating Station[1]								Rebroadcasters[2]							
	English		French		Multi-lingual[3]		Total		English		French		Multi-lingual[3]		Total	
	AM	FM	AM	FM	AM	FM	AM	FM	AM	FM	AM	FM	AM	FM	AM	FM
Canada	296	143	83	42	11	12	390	197	259	254	90	111	1	6	350	371
Ontario	90	79	6	2	3	1	99	82	50	32	24	19	–	–	74	51
Newfoundland	22	3	–	–	–	2	22	5	23	25	2	2	–	–	25	27
Prince Edward Island	4	–	–	–	–	–	4	–	–	1	–	1	–	–	–	2
Nova Scotia	21	7	–	–	–	–	21	7	8	9	10	7	–	–	18	16
New Brunswick	16	5	4	–	–	–	20	5	7	8	5	7	–	–	12	15
Quebec	9	4	69	38	–	7	78	49	16	25	40	55	–	–	56	80
Manitoba	16	8	1	–	3	–	20	8	5	26	2	4	–	–	7	30
Saskatchewan	19	9	–	1	–	1	19	11	1	19	2	2	–	–	3	21
Alberta	37	11	3	–	2	–	42	11	23	31	3	7	–	–	26	38
British Columbia	56	15	–	1	1	–	57	16	100	71	2	7	–	–	102	78
Yukon	2	–	–	–	–	–	2	–	12	1	–	–	–	–	12	1
N.W.T.	4	2	–	–	2	1	6	3	14	6	–	–	1	6	15	12

1) Originating stations; originate (in whole or in part) a daily program schedule.
2) Rebroadcasting station; rebroadcasts the program schedule of another station.
3) Multilingual stations; broadcast in languages other than English or French.

Source: Canadian Radio-Television and Telecommunications Commission.

Table 10.7
Stock[1] and Circulation for All Reporting Public Libraries, Canada and Ontario, 1960-1979

	Stock		Circulation	
	Canada	Ontario	Canada	Ontario
		'000's		
1960	13,867	6,701	56,187	30,186
1961	14,528	7,287	60,268	33,189
1962	15,580	7,637	65,144	35,782
1963	16,609	8,133	70,418	38,640
1964	18,981	9,221	76,178	41,723
1965	20,192	9,709	78,289	42,091
1966	20,573	9,737	80,824	43,651
1967	21,635	10,464	81,789	44,441
1968	23,009	10,927	88,856	46,218
1969	..	..	..	..
1970	26,926	13,607	96,324	49,842
1971	27,647	13,700	97,337	49,324
1972	30,805	15,711	95,566	47,807
1973	33,018	16,889	99,334	48,619
1974	34,870	18,018	100,938	49,642
1975	37,795	19,434	108,044	53,108
1976	40,121	21,643	112,240	53,633
1977	42,722	22,194	114,648	53,548
1978	44,753	22,732	116,173	54,156
1979[p]	47,770	24,290	121,545	56,683

1) Stock includes books and other materials catalogued as books, newspapers and periodical titles, audio-visual, microfilm and other non-print.

Source: SC, Education, Science and Culture Division.

Table 10.8
Circulation[1] of Selected Daily Newspapers, Ontario, 1975-1980

		1975		1976		1977	
		Excluding Bulk[8]	In City Zone[2]	Excluding Bulk[8]	In City Zone[2]	Excluding Bulk[8]	In City Zone[2]
		Total Circulating					
Toronto	Star[3]	484,427	395,928[4]	488,942	398,069[4]	492,254	399,606[4]
	Globe and Mail[3]	251,126	186,978[9]	259,042	190,873[9]	262,821	190,650[9]
	Sun[3]	108,494	101,251[10]	125,783	117,750[10]	143,378	132,483[10]
Hamilton	Spectator	136,149	108,799	137,579	110,214	139,960	112,251
London	Free Press[5]	123,721	59,987	124,798	60,040	125,042	60,877
Ottawa	Citizen[5]	92,513	72,549	98,866	77,400	107,149	83,127
	Journal[5]	81,499	51,935	81,194	50,706	77,728	47,113
	Le Droit[5]	42,870	31,206	42,778	31,408	44,849	32,179
Windsor	Star[5]	84,248	59,256	84,004	59,791	85,953	60,931
Kitchener	Record	63,762	41,802	64,348	42,262	66,352	43,440
St. Catharines	Standard	39,717	29,377	41,043	30,293	42,223	30,875
Sudbury	Star[5]	34,096	17,769	35,062	18,413	34,337	17,859
Kingston	Whig-Standard	33,997	18,430	35,401	18,902	35,198	18,471
Thunder Bay	Times-News/ Chronicle-Journal[6]	31,901	25,146	33,232	26,030	33,529	25,629
Brantford	Expositor	28,255	17,990	28,558	18,200	29,655	18,928
Oshawa	Times	24,602	21,030	23,635	21,061	24,201	21,285
Peterborough	Examiner	23,780	15,063	24,037	15,393	24,034	15,291
Sault Ste. Marie	Star	22,706	18,028	23,292	18,411	23,292	18,411
Niagara Falls	Review	19,851	16,066	19,852	16,247	20,425	16,984
Welland	Tribune	17,705	13,746	18,262	14,159	18,692	14,950
Guelph	Mercury	17,474	13,637	17,187	13,828	16,406	13,357
Cornwall	Standard Freeholder[3]	14,665	10,138	15,226	10,390	15,601	10,632
Cambridge	Daily Reporter	13,564	12,170	13,707	12,363	13,707	12,363
Brampton	Daily Times[3]	8,555	6,240	8,427	7,168	8,005	6,790

Table 10.8 (cont'd.)
Circulation[1] of Selected Daily Newspapers, Ontario, 1975-1980

		1978		1979		1980	
		Excluding Bulk[8]	In City Zone[2]	Excluding Bulk[8]	In City Zone[2]	Excluding Bulk[8]	In City Zone[2]
		Total Circulating					
Toronto	Star[3]	486,286	393,630[4]	485,084	387,380	480,961	381,420[4]
	Globe and Mail[3]	263,079	191,697[9]	280,034	202,266	286,983	206,312[9]
	Sun[3]	175,604	153,999[10]	209,381	180,765	223,592	191,201[10]
Hamilton	Spectator	143,618	115,237	144,473	116,035	148,401	119,678
London	Free Press[5]	130,027	64,071	130,402	64,866	129,206	65,716
Ottawa	Citizen[5]	109,737	84,548	117,859	88,984	123,986	92,143
	Journal[5]	71,604	43,355	66,559	38,972	–	–
	Le Droit[5]	45,035	32,009	46,187	32,237	46,576	32,143
Windsor	Star[5]	88,362	62,305	88,938	63,345	91,051	64,515
Kitchener	Record	68,396	44,269	69,724	44,893	71,851	46,279[11]
St. Catharines	Standard	42,694	31,259	43,234	31,632	43,257	31,658
Sudbury	Star[5]	33,072	18,306	34,167	18,490	32,051	17,396
Kingston	Whig-Standard	36,253	18,586	36,579	18,369	35,932	18,087
Thunder Bay	Times-News/ Chronicle-Journal[6]	33,612	25,685	35,092	27,014	34,768	27,962
Brantford	Expositor	30,469	19,620	31,226	20,180	31,462	20,284[11]
Oshawa	Times	24,035	21,266	24,009	21,247	20,832	18,468[11]
Peterborough	Examiner	23,712	15,388	22,767	15,081	23,104	15,616
Sault Ste. Marie	Star	24,185	19,010	25,642	19,963	25,498	20,204[11]
Niagara Falls	Review	20,820	17,220	21,258	17,619	20,920	17,369
Welland	Tribune	18,826	14,885	18,864	14,977	18,605	14,843
Guelph	Mercury	17,190	13,903	17,530	14,224	16,818	13,784[11]
Cornwall	Standard Freeholder[3]	16,116	10,973	16,711	11,421	16,998	12,026
Cambridge	Daily Reporter	13,173	11,942	13,386	12,173	13,369	12,265[11]
Brampton	Daily Times[3]	8,219	7,627	8,591	7,750	7,733	7,099

1) Circulation is for 12 month periods ending December 31 unless otherwise noted. It represents the daily average paid circulation.
2) City zone refers to the corporate limits of the particular urban area.
3) Circulation is for 12 month periods ending September 30.
4) In 1974, the Star stopped reporting "City Zone Circulation". These figures represent, instead, the Star's "Primary Market Area" which, in this case, is coextensive with the Census Metropolitan Area (CMA).
5) Circulation is for 12 month periods ending March 31.
6) Circulation is for 12 month periods ending June 30.
7) These figures are a total for the "Time-Journal" and "News Chronicle" before they merged.
8) Excluding bulk refers to those newspaper copies which are purchased by an agent such as an airline, restaurant, hotel etc. and distributed free to clients of the agent as a means of promoting the agents' business. It is not considered paid circulation under the Audit Bureau regulations.
9) In 1975, the Globe and Mail stopped reporting "City Zone Circulation". These figures represent, instead, the Globe and Mail's "Primary Market Area" (PMA). The PMA for the Globe and Mail is not coextensive with the CMA but rather is that area in which it gives primary advertising and editorial coverage.
10) In 1975, the Sun stopped reporting "City Zone Circulation". These figures represent, instead, the Sun's "Primary Market Area" which, in this case, is coextensive with the Census Metropolitan Area (CMA).
11) Circulation for 6 month period ending September 30, 1980.
12) Ottawa Journal ceased publication August 27, 1980.

Source: Audit Bureau of Circulations.

Table 10.9
Selected Magazines Ranked by Circulation[1], Canada and Ontario, 1975-1980

	1975		1976		1977	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
Reader's Digest	1,164,497	518,250	1,169,458	501,392	1,208,624	502,232
Chatelaine (English)	1,009,767	467,151	969,178	450,836	992,738	457,784
T.V. Guide	928,629	586,699	1,006,842[r]	610,117[r]	1,056,231	637,453
Maclean's	720,274	321,521	653,720	297,840	653,963	294,226
Time	513,910	220,604	354,804	149,418	335,346	137,827
Legion	440,953	162,347	466,248	171,639	490,122	178,437
Chatelaine (French)	297,263	13,256	264,028	13,397	277,730	12,688
Selection du Reader's Digest (French)	253,329	7,950	268,810	7,783	298,826	9,907
T.V. Hebdo (French)	234,384	3,561	285,424	3,729	430,937	5,305
Miss Chatelaine	147,577	66,404	171,470	81,105	186,379	82,721
L'Actualité[3]	147,092	8,075	249,973	12,029	237,302	11,672
Toronto Life	42,578	42,001	53,105	52,220	63,365	62,154

Table 10.9 (cont'd.)
Selected Magazines Ranked by Circulation[1], Canada and Ontario, 1975-1980

	1978		1979		1980	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
Reader's Digest	1,226,781	515,165	1,226,482	502,571	1,290,159	534,256
Chatelaine (English)	1,018,931	485,404	990,869	474,130	1,043,848	503,468
T.V. Guide[2]	1,067,632	632,206	1,055,283	572,506	992,596	548,504
Maclean's	660,660	299,897	629,631	292,488	628,314	295,278
Time	348,638	141,678	327,024	133,536	338,649	131,951
Legion	495,679	179,849	506,975	182,343	520,784	185,071
Chatelaine (French)	275,261	14,997	276,799	10,471	283,704	9,857
Selection du Reader's Digest (French)	302,564	9,323	305,973	9,363	325,903	9,913
T.V. Hebdo (French)	291,222	3,768	290,361	3,371	298,184	3,391
Flare[4]	165,298	79,555	162,315	76,071	196,115	93,479
L'Actualité[3]	232,313	12,059	236,211	11,017	239,179	10,365
Toronto Life	69,914	68,482	69,936	67,839	71,000	68,955

1) Circulation figures are based on a selected issue of the particular magazine for each year.
2) Refers to Toronto-Lake Ontario Issue. This magazine is now Canadian owned. In previous years circulation was derived from the surplus of U.S. sales.
3) Merger of Le Maclean and L'Actualité.
4) Name changed from Miss Chatelaine in 1979.

Source: Audit Bureau of Circulations.

Part 2

Economic Series

Section
11

Labour

Highlights

- **Labour Force** – Participation rates by women in the labour force in 1980 were the highest they have been in the period 1953-1980 in Ontario. The rate was 54.3 per cent (of the population 15 years of age and over), up from 53.3 per cent (of the population 15 years of age and over) in 1979. The male participation rate in 1980 in Ontario was 79.9 per cent. The highest participation rate in Ontario in 1980 occurred in the 25-44 age bracket where 82.0 per cent of the population were part of the labour force.

  In 1980 of 4.4 million persons in the labour force in Ontario, 58.4 per cent were male and 41.6 per cent were female. In Canada, 60.0 per cent of 11.5 million persons in the labour force were male and 40.0 per cent were female. Of Ontario's labour force in 1980, 151,000 (down 1.9 per cent from 1979) were classified as being in the agricultural labour force. Of such persons, 67.5 per cent were male.

- **Employment** – From 1970 to 1980 the Ontario labour force grew from 3.1 million to 4.4 million, an increase of 40.6 per cent. In 1980, the service industry accounted for 40.1 per cent; manufacturing for 25.0 per cent; trade for 16.2 per cent; transportation and other utilities for 7.3 per cent; construction for 5.9 per cent; and primary industries 4.9 per cent.

  In 1980, average hourly earnings in manufacturing were $8.17, Sarnia had an average hourly earning in manufacturing of $11.07 while Toronto's was $7.59. Average weekly hours worked in manufacturing in Ontario in 1980 was 39.0; for Canada, the figure was 38.5 hours.

  With 1961 as the base year, the employment index for the industrial composite for Canada increased to 152.4 in 1980, to 155.9 for Ontario and to 178.6 and 170.4 for Ottawa-Hull and Toronto, respectively. In the service industries, the employment index for Canada was 283.7 for Ontario 299.1 for Ottawa-Hull 323.2 and for Toronto 320.9.

  From 1979 to 1980 the employment index for the industrial composite in Ontario rose 0.6; in that period, male employment decreased 0.04 per cent and female employment rose 3.6 per cent. For 1973 to 1974 the employment index for the industrial composite in Ontario had increased by 4.5. During the period 1979 to 1980, employment in the service industries (including finance and public administration) increased 3.4 per cent, while employment in the manufacturing industries increased from 1,011,000 to 1,013,000. The service industries accounted for 40.7 per cent of Ontario's 4.1 million jobs.

  In 1980, 6.9 per cent of the labour force was unemployed in Ontario. There were 300,000 unemployed persons in Ontario in 1980 (based on the annual average). Of these 33,000 or 11.0 per cent were not members of family units; of the 89.0 per cent unemployed who were members of family units, 30.5 per cent were heads of the units and 38.0 per cent were single sons or daughters.

  Of the 300,000 who were unemployed in Ontario in 1980 (based on annual averages), 22.3 per cent were classified in the processing occupations, 14.3 per cent were clerical, and 10.0 per cent were in construction.

  65.0 per cent of the unemployed in Ontario in 1980 were jobless for a period under 3 months.

- **Industrial Relations** – Of a total of 7,646 collective agreements of reporting labour organizations in Ontario in 1978, 77.3 per cent involved international unions.

  Ontario lost 1.7 million person-days during 1980 because of strikes and lockouts, a decrease of 33.7 per cent from 1979. The number of employees involved was 80,014, or 299 per strike or lockout; and averaged 20.9 man-days per employee involved in a strike or lockout.

Definitions

Labour Force – The civilian labour force is composed of that portion of the civilian non-institutional population 15 years of age and over (14 years of age and over before 1975) who, during the reference week, were employed or unemployed. Note regarding labour force data in this section: Data for 1975 and on are based on the Revised Labour Force Survey introduced in January, 1976. Data shown prior to 1975 are based on the former survey and are not revised.

Employed – The employed includes all persons who, during the reference week:

(a) did any work for pay or profit;

(b) did any work which contributed to the running of a farm or business operated by a related member of the household; or

(c) had a job but were not at work, because of bad weather, illness, industrial dispute, or vacation, or because they were taking time off for other reasons.

Not in the Labour Force – Those not in the labour force include all civilians 15 years of age and over (14 years of age and over before 1975), exclusive of institutional population, who are not classified as employed or unemployed. This category includes those going to school, keeping house, too old or otherwise unable to work, and voluntarily idle or retired. Housewives, students and others who worked part-time are classified as employed. If they looked for work they are classified as unemployed.

Participation Rate – The participation rate represents the labour force as a percentage of the population 15 years of age and over (14 years of age and over before 1975). The participation rate for a particular group (age, sex, marital status, etc.) is the labour force in that group expressed as a percentage of the population for that group. Seasonally-adjusted participation rates are obtained by direct adjustment (i.e. by dividing the unadjusted participation rate by the seasonal factor).

Industrial Composite – Represents the sum of the industries included in the mail survey of the Labour Division of Statistics Canada.

Unemployment Rate – The unemployment rate represents the number of unemployed persons as a per cent of the labour force. The unemployment rate for a particular group (age, sex, marital status, etc.) is the unemployment in that group expressed as a per cent of the labour force for that group. Seasonally-adjusted rates are calculated by dividing seasonally-adjusted unemployment by the sum of seasonally-adjusted employment and seasonally-adjusted unemployment (i.e. seasonally-adjusted labour force by summation).

Unemployed – The unemployed includes all persons who, through the reference week:

(a) were without work and seeking work, i.e., did not work during the reference week and were looking for work or would have been looking for work except that they were temporarily ill, were on indefinite or prolonged layoff, or believed no suitable work was available in the community; or

(b) were temporarily laid off for the full week, i.e., were waiting to be called back to a job from which they had been laid off for less than 30 days.

The Unemployed: Family Data – A family unit is defined as "a group of two or more persons living together in the same dwelling and who are related by blood, marriage or adoption". A person living alone or who is related to no one else in the dwelling where he lives is classified as "Non-members of family units". The head of a family unit is defined generally as the person who is mainly responsible for the maintenance of the unit, however, in families consisting of husband and wife (with or without unmarried children), the husband is designated as the head. In families composed of parent and unmarried child (or children), the parent invariably is recorded as the head of the unit.

Job Vacancy Statistics – Job vacancy data are obtained through a twice monthly sample survey conducted by mail to employers representing approximately 90% of employment in Canada. The survey does not cover agriculture, domestic service, the military and fishing and trapping.

Job vacancies reported must meet the following conditions:

(a) Jobs must be available immediately (current vacancies);

(b) Jobs must be vacant for the entire survey day;

(c) Jobs must be available to persons outside the firm;

(d) must be jobs which employers tried to fill within four weeks prior to survey day (by advertising, contacting Canada Manpower Centres, interviewing walk-ins, etc.).

The basis of the occupation classification of published vacancy data is the *Canadian Classification and Dictionary of Occupations 1971*.The industrial classification is based on the 1960 *Standard Industrial Classification.*

Full-time vacancies – Vacancies for jobs with minimum duration of four full standard work weeks or full standard work month.

Own Account Workers – Self-employed workers having no employees under them.

AFL-CIO – American Federation of Labor – Congress of Industrial Organizations.

CLC – Canadian Labour Congress.

CSD – La Centrale des Syndicats Democratiques.

CNTU – Confederation of National Trade Unions.

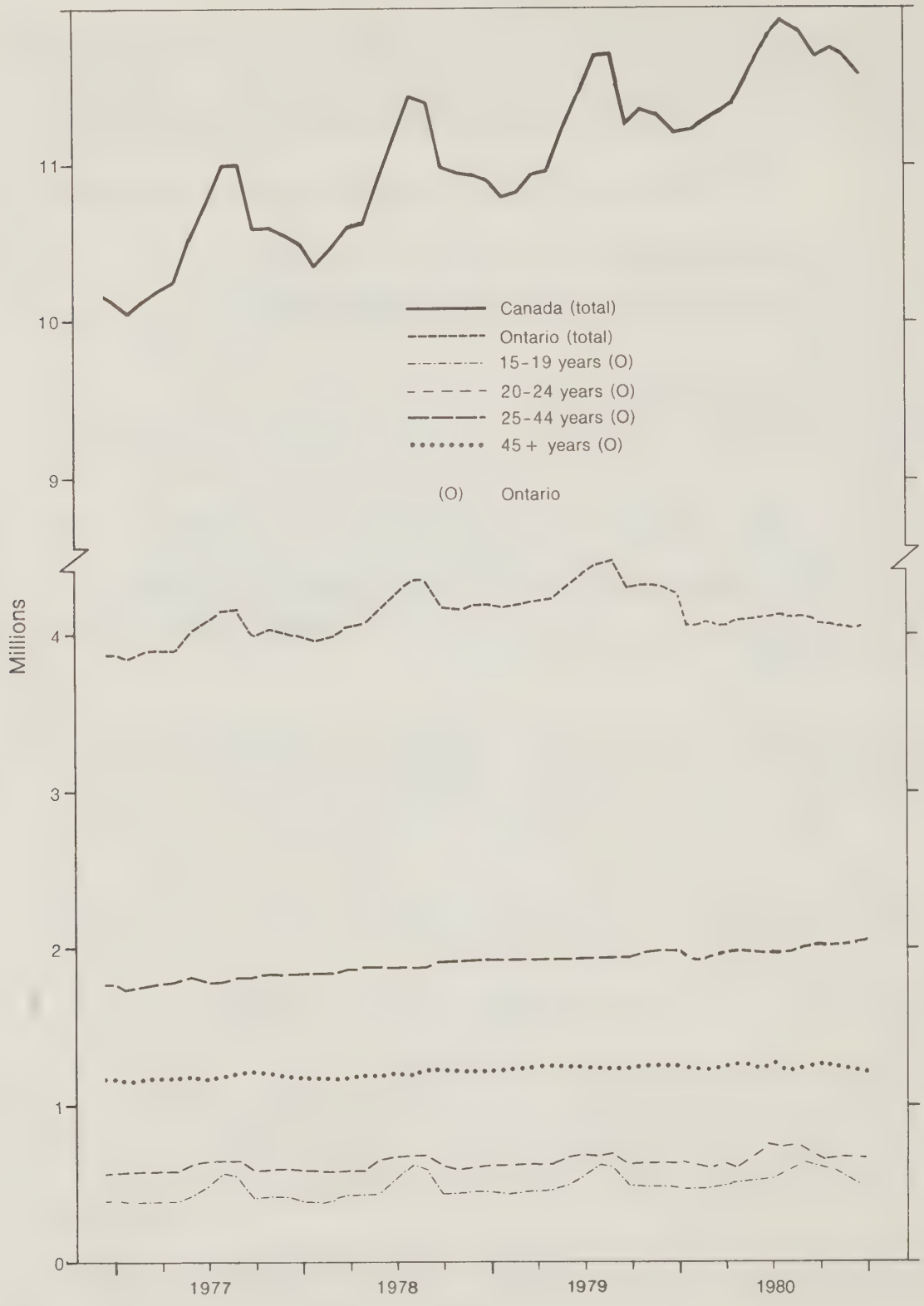
PSAC – Public Service Alliance of Canada.

International Union – A union having headquarters, executive personnel and preponderant membership in the United States.

National Union – Includes national and regional labour unions with headquarters in Canada.

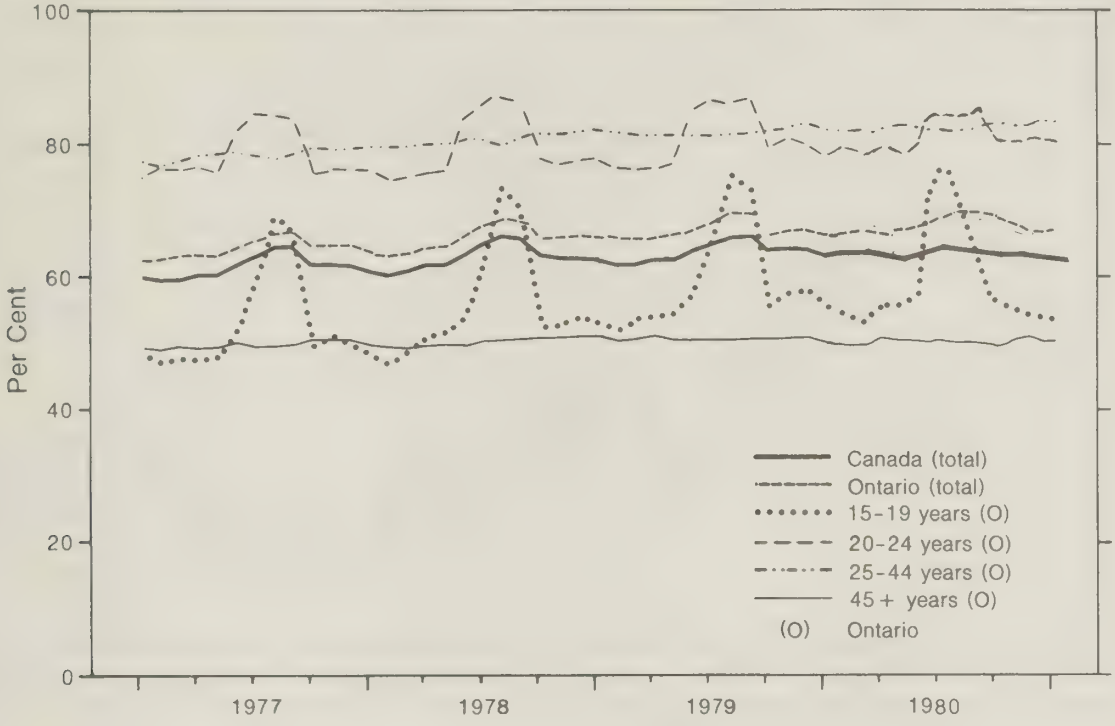
Government Employees' Organizations – Refer to federal and provincial levels of government having bargaining rights covered by legislation.

Graph 11.A
The Labour Force, Ontario, 1977-1980



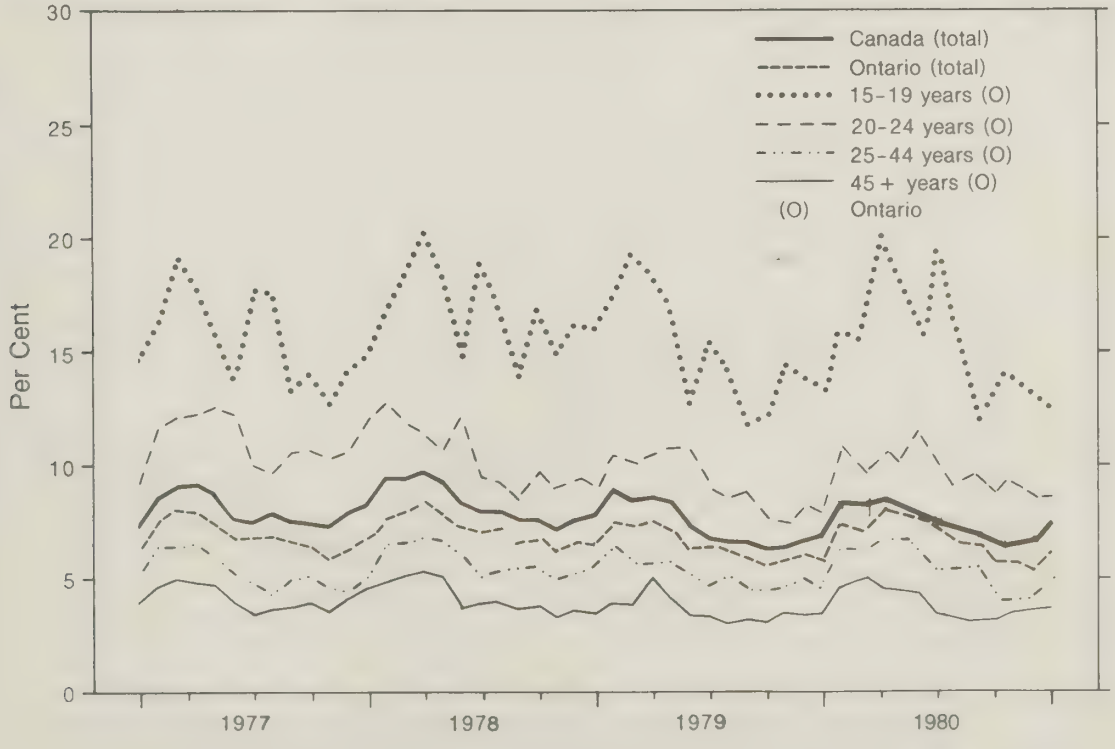
Source: SC Labour Force Survey Division *Labour Force*

Graph 11.B
Participation Rates of Population 15 Years of Age and Over, Canada and Ontario, 1977-1980



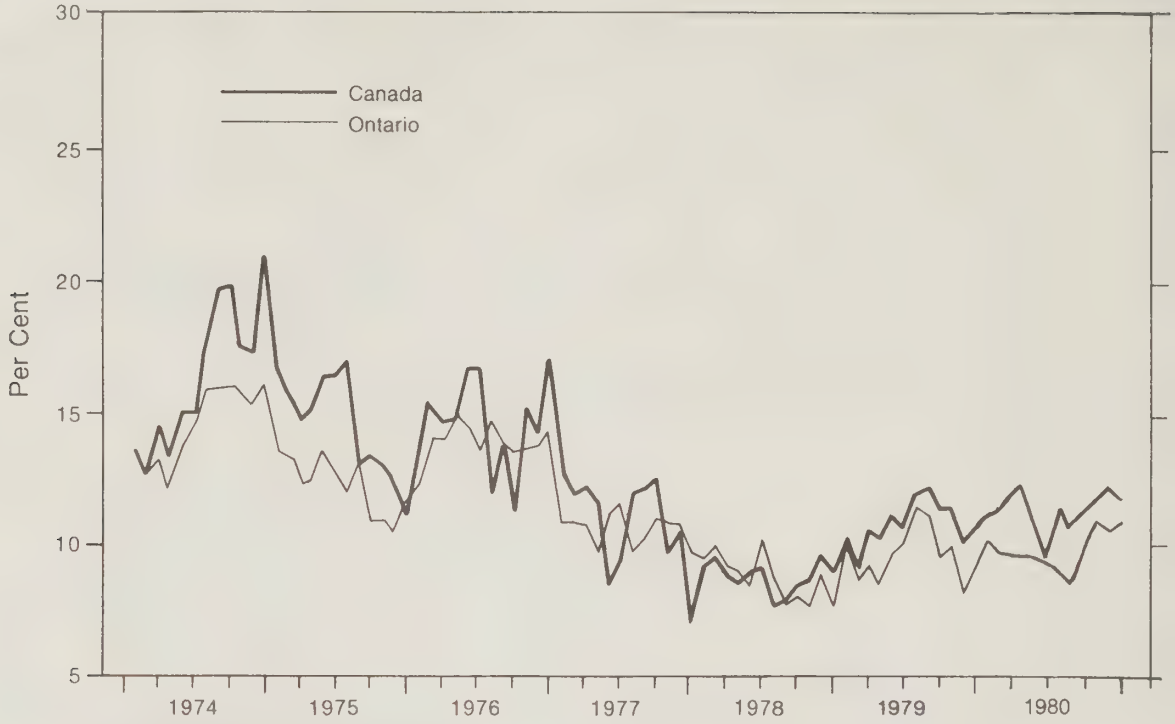
Source: SC., Labour Force Survey Division, *Labour Force*

Graph 11.C
Unemployment Rates of Population 15 Years and Over, Canada and Ontario, 1977-1980



Source SC., Labour Force Survey Division, *Labour Force*

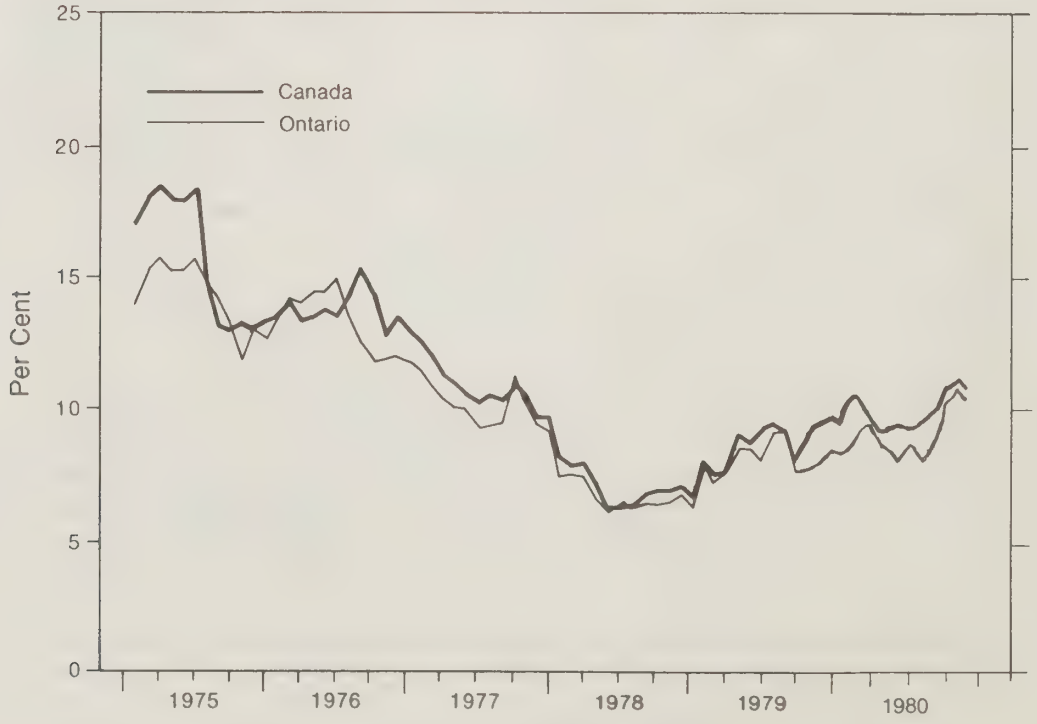
Graph 11.D
Wages and Salaries[1], Canada and Ontario, 1974-1979[2]



[1]Percentage change from same period year earlier.
[2]Based on figures adjusted for seasonal variation.

Source: SC, *The Canadian Statistical Review*,

Graph 11.E
Average Hourly Earnings[1] in Manufacturing[2], Canada and Ontario, 1975-1980[3]

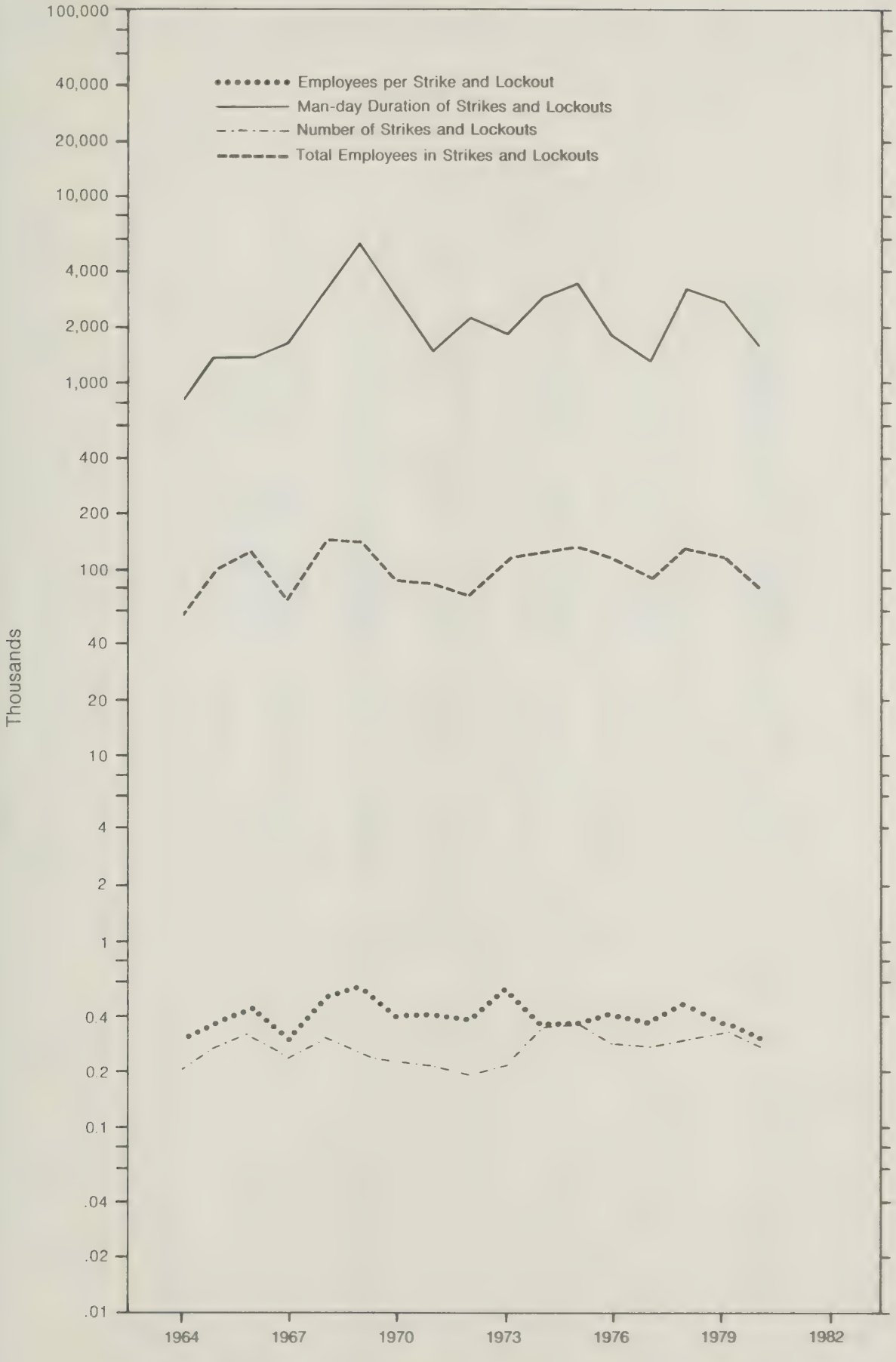


[1]Percentage change from same period year earlier, of hourly rated workers.
[2]These statistics are based on a mail census of "larger firms" in manufacturing. These firms are defined as those which employ 20 or more persons in any one month of the year
[3]Based on figures adjusted for Canada and unadjusted for Ontario

Source: SC, *Employment Earnings and Hours*

Graph 11.F

Strikes and Lockouts, Ontario, 1964-1980



Refer to Table 11.24

Table 11.1
Labour Force by Age Group, Ontario, 1950-1980

	14-19[1]		20-24		25-44		45-64		65 +		
	Number	% of total	Number	% of total	Number	% of total	Number	% of total	Number	% of total	Total
	'000's		'000's		'000's		'000's		'000's		'000's
1950	175	9.6	243	13.3	812	44.5	505	27.7	91	5.0	1,826
1951	179	9.6	244	13.0	841	45.0	518	27.7	89	4.8	1,870
1952	174	9.1	242	12.7	876	45.9	526	27.6	92	4.8	1,908
1953	169	8.7	246	12.6	903	46.4	542	27.8	88	4.5	1,948
1954	177	8.8	245	12.1	946	46.8	564	27.9	89	4.4	2,022
1955	178	8.6	244	11.9	975	47.4	575	27.9	86	4.2	2,059
1956	184	8.6	250	11.6	1,014	47.2	604	28.1	95	4.4	2,147
1957	187	8.4	256	11.4	1,062	47.5	635	28.4	98	4.4	2,238
1958	178	7.9	261	11.5	1,079	47.7	653	28.8	93	4.1	2,264
1959	190	8.3	256	11.1	1,095	47.6	669	29.1	92	4.0	2,301
1960	201	8.5	259	10.9	1,124	47.3	701	29.5	92	3.9	2,377
1961	193	8.0	263	11.0	1,128	47.0	725	30.2	91	3.8	2,401
1962	202	8.3	260	10.7	1,128	46.6	741	30.6	91	3.8	2,422
1963	223	9.0	268	10.8	1,135	45.8	764	30.9	86	3.5	2,476
1964	231	9.0	284	11.1	1,158	45.3	788	30.8	94	3.7	2,556
1965	240	9.2	298	11.4	1,174	44.9	814	31.1	90	3.4	2,614
1966	241	8.8	343	12.6	1,222	44.8	834	30.5[r]	90	3.3	2,729
1967	249	8.8	375	13.3[r]	1,256	44.4	866	30.6	84[r]	3.0	2,831
1968	257	8.8	403	13.8	1,280	43.9	890[r]	30.5	87	3.0	2,917
1969	257	8.5	429	14.3[r]	1,326[r]	44.1	912[r]	30.3	85	2.8	3,011
1970	276	8.9	450	14.5	1,356	43.7	944	30.4	81	2.6	3,106
1971	296	9.2	475	14.8	1,404	43.7	963	29.9[r]	77	2.4	3,215
1972	318	9.5[r]	490	14.7	1,467	44.1	981	29.5	72	2.2	3,329
1973	347	10.1	497	14.4	1,518	44.1	1,015	29.5	69	2.0	3,445
1974	378	10.5	528	14.7	1,590	44.3	1,031	28.7	66	1.8	3,592
1975	425	11.1	550	14.4	1,707	44.7	1,058	27.7	78	2.1[r]	3,818
1976	416	10.7	567	14.6	1,746	44.9	1,085	27.9	71	1.8	3,885
1977	430	10.8	595	14.9	1,798	45.0	1,102	27.6	69	1.7	3,994
1978	457	11.0	613	14.8	1,880	45.3	1,125	27.1	72	1.7	4,147
1979	487	11.4	634	14.8	1,939	45.2	1,155	26.9	74	1.7	4,289
1980	484	11.1	651	14.9	2,004	45.9	1,155	26.5	73	1.7	4,366

1) For 1966 onward the age bracket is 15–19 years.

Source: SC, *The Labour Force*, (71-001).

Table 11.2
Summary Labour Force Characteristics by Province, Canada, 1973-1980

			Employed						
			All classes of workers			Paid workers			
	Participation rates	Labour force	Total	Agriculture	Non-agriculture	Total	Non-agriculture	Unemployed	Unemployment rates
	per cent		'000's						per cent
			Annual Averages						
Canada									
1973	58.7	9,107	8,598	448	8,150	7,617	7,526	509	5.6
1974	59.4	9,462	8,951	452	8,499	7,941	7,849	510	5.4
1975	61.1	9,974	9,284	483	8,802	8,375	8,238	690	6.9
1976	61.1	10,206	9,479	472	9,008	8,545	8,403	727	7.1
1977	61.5	10,498	9,648	464	9,184	8,678	8,535	850	8.1
1978	62.6	10,882	9,972	473	9,498	8,935	8,803	911	8.4
1979	63.3	11,207	10,369	483	9,886	9,298	9,156	838	7.5
1980	64.0	11,522	10,655	477	10,178	9,604	9,449	867	7.5
Ontario									
1973	60.9	3,445	3,305	116	3,188	2,998	2,966	140	4.1
1974	61.8	3,592	3,443	114	3,329	3,127	3,097	149	4.2
1975	64.1	3,818	3,576	117	3,459	3,278	3,232	242	6.3
1976	63.9	3,885	3,645	113	3,533	3,343	3,299	240	6.2
1977	64.3	3,994	3,714	127	3,588	3,379	3,329	280	7.0
1978	65.5	4,147	3,847	131	3,716	3,485	3,442	300	7.2
1979	66.6	4,289	4,008	146	3,862	3,637	3,586	280	6.5
1980	66.8	4,366	4,066	144	3,923	3,705	3,647	300	6.9
Newfoundland									
1973	49.8	170	149	--	148	133	132	21	12.2
1974	49.9	173	147	--	146	132	132	27	15.3
1975	49.4	176	152	--	150	138	136	25	14.0
1976	49.4	182	157	--	156	141	140	24	13.4
1977	50.7	191	161	--	160	146	145	30	15.6
1978	51.7	198	166	--	165	149	149	33	16.4
1979	52.7	207	175	--	174	154	153	32	15.4
1980	53.1	213	184	--	184	164	163	29	13.5
Prince Edward Island									
1973	52.5	40	38	5	33	30	29	--	6.2'
1974	53.5	42	39	6	33	31	29	--	6.6'
1975	56.5	46	42	7	35	33	31	4	8.0
1976	56.7	47	42	6	37	35	33	4	9.6
1977	57.0	48	44	6	38	36	33	5	9.9
1978	57.8	50	45	5	40	37	35	5	9.9
1979	59.3	53	47	6	41	37	35	6	11.3
1980	59.5	54	48	6	42	38	36	6	10.8
Nova Scotia									
1973	51.3	282	263	7	256	236	233	18	6.5
1974	53.2	298	279	8	270	251	248	19	6.5
1975	55.3	317	292	8	284	264	259	24	7.7
1976	55.2	323	292	8	284	265	261	31	9.5
1977	55.2	329	294	7	287	264	260	35	10.6
1978	56.4	342	306	7	299	276	272	36	10.6
1979	56.9	352	316	7	309	286	282	36	10.2
1980	57.9	363	328	7	320	294	290	36	9.8
New Brunswick									
1973	52.6	231	211	7	204	190	188	20	8.9
1974	53.2	238	217	6	212	197	195	21	8.7
1975	53.8	248	224	6	218	203	201	24	9.8
1976	53.6	254	226	6	220	205	202	28	11.0
1977	53.7	261	226	5	221	207	205	35	13.2
1978	55.0	273	238	4	234	220	218	34	12.6
1979	55.3	280	249	6	243	227	224	31	11.1
1980	56.0	289	257	6	250	234	231	32	11.1

Table 11.2 (cont'd.)
Summary Labour Force Characteristics, by Province, Canada, 1973-1980

	Participation rates	Labour force	Employed						Unemployment rate
			All classes of workers			Paid Workers		Unemployed	
			Total	Agriculture	Non-agriculture	Total	Non-agriculture		
	per cent	'000's							per cent
		Annual Averages							
Quebec									
1973	57.6	2,499	2,314	83	2,231	2,075	2,060	185	7.
1974	58.0	2,571	2,385	81	2,304	2,143	2,129	186	7.
1975	58.5	2,647	2,434	70	2,364	2,262	2,244	214	8.
1976	58.3	2,689	2,456	74	2,383	2,267	2,244	233	8.
1977	58.9	2,756	2,473	71	2,401	2,267	2,246	284	10.
1978	59.7	2,827	2,520	72	2,448	2,301	2,280	307	10.
1979	60.1	2,878	2,602	68	2,534	2,373	2,351	277	9.
1980	61.0	2,959	2,667	78	2,590	2,435	2,408	292	9.
Manitoba									
1973	58.9	409	393	36	357	335	329	16	3.
1974	59.7	422	409	41	369	348	341	13	3.
1975	60.9	437	417	41	376	361	353	20	4.
1976	61.2	447	426	38	388	370	362	21	4.
1977	61.7	456	429	42	387	374	363	27	5.
1978	63.1	471	440	44	397	379	368	31	6.
1979	63.7	478	453	46	407	389	378	26	5.
1980	64.6	486	459	44	415	395	385	27	5
Saskatchewan									
1973	55.7	345	333	83	250	233	224	12	3
1974	56.2	350	341	84	256	239	231	9	2
1975	59.2	376	365	106	260	258	239	11	2
1976	60.5	394	378	93	285	279	263	15	3
1977	61.5	410	392	98	294	288	270	18	4
1978	61.9	421	400	101	299	291	274	21	4
1979	62.6	433	415	99	316	307	290	18	4
1980	62.9	443	423	88	335	324	307	19	4
Alberta									
1973	62.1	715	685	89	596	557	544	30	4
1974	63.1	750	731	92	638	600	584	20	2
1975	66.1	822	788	111	678	665	637	34	4
1976	66.9	871	837	116	721	707	673	34	4
1977	67.0	909	868	86	782	761	735	41	4
1978	68.2	960	915	84	832	802	783	45	4
1979	69.4	1015	976	83	893	854	833	39	3
1980	70.3	1,072	1,032	82	949	915	893	40	3
British Columbia									
1973	58.6	970	906	20	887	830	822	64	6
1974	59.4	1,024	961	19	942	872	864	63	6
1975	61.1	1,087	995	16	979	914	905	92	8
1976	61.3	1,116	1,020	18	1,002	934	925	96	8
1977	61.5	1,144	1,047	21	1,026	958	948	97	8
1978	62.6	1,192	1,093	25	1,068	995	983	98	8
1979	62.7	1,223	1,129	22	1,107	1,036	1,022	94	7
1980	63.7	1,278	1,191	21	1,169	1,100	1,089	87	6

Source: SC, *The Labour Force*, (71-001).

Table 11.3
Employment as a Percentage of Population 14 Years of Age and Over[1], Canada and Ontario, 1953-1980

	Canada	Ontario
953	51.5	54.1
954	50.5	53.8
955	50.6	54.0
956	51.7	55.6
957	51.5	55.3
958	50.1	53.4
959	50.6	53.7
960	50.4	53.9
961	50.2	53.5
962	50.7	53.8
963	50.9	54.4
964	51.6	55.1
965	52.3	55.3
966	54.4	57.1
967	54.5	57.1
968	54.0	56.9
969	54.3	57.4
970	53.5	56.6
971	53.5	56.3
972	53.9	57.3
973	55.4	58.4
974	56.2	59.2
975	56.9	60.1
976	56.7	59.9
977	56.6	59.8
978	57.4	60.7
979	58.6	62.2
980	59.2	62.2

Excludes inmates of institutions, members of the armed services, Indians living on reserves and residents of the Yukon and Northwest Territories. For 1966 onward, the figures relate to 15 years of age and over.

ource: SC, *The Labour Force*, (71-001).

Table 11.4
Participation Rates by Sex, Canada and Ontario, 1953-1980

	Total		Male		Female	
	Canada	Ontario	Canada	Ontario	Canada	Ontari
			Per cent			
1953	53.1	55.2	82.9	85.2	23.4	25.
1954	52.9	55.9	82.2	85.2	23.7	27.
1955	52.9	55.7	82.1	84.5	23.9	27.
1956	53.5	56.9	82.2	85.0	24.9	29.
1957	54.0	57.2	82.3	84.8	25.8	30.
1958	53.9	56.4	81.7	84.3	26.2	29.
1959	53.8	56.2	81.0	83.6	26.7	29.
1960	54.2	57.0	80.7	83.2	27.9	31.
1961	54.1	56.7	79.8	82.1	28.7	31.
1962	53.9	56.3	79.1	81.4	29.0	31.
1963	53.8	56.5	78.5	81.2	29.6	32.
1964	54.1	57.0	78.1	80.6	30.5	34.
1965	54.4	56.7	77.9	80.0	31.3	34.
1966	56.4	58.6	79.9	81.9	33.6	36.
1967	56.8	58.9	79.6	81.4	34.6	37.
1968	56.8	59.0	79.0	81.1	35.2	37.
1969	57.0	59.2	78.6	80.7	36.0	38.
1970	56.9	59.2	78.2	80.2	36.2	38.
1971	57.2	59.5	77.8	79.5	37.1	40.
1972	57.6	60.2	77.9	80.0	37.8	41.
1973	58.7	60.9	78.5	80.0	39.4	42.
1974	59.4	61.8	79.0	80.3	40.5	44.
1975	61.1	64.1	78.4	80.3	44.4	48.
1976	61.1	63.9	77.6	79.3	45.2	49.
1977	61.5	64.3	77.6	79.4	46.0	49.
1978	62.6	65.5	77.9	80.1	47.8	51.
1979	63.3	66.6	78.4	80.6	48.9	53.
1980	64.0	66.8	78.3	79.9	50.3	54.

Source: SC, *The Labour Force*, (71-001).

Table 11.5
Participation Rates by Age Group, Ontario, 1956-1980

	Total	14-19[1]	20-24	25-44	45-64	65+
			Per cent			
1956	56.9	44.4	71.8	64.4	60.5	21.6
1957	57.2	42.9	70.7	65.0	61.8	21.8
1958	56.4	38.9	70.7	64.5	61.8	20.4
1959	56.2	39.1	69.0	64.9	61.9	19.7
1960	57.0	39.3	69.4	66.0	63.3	19.4
1961	56.7	36.0	69.9	66.0	64.0	18.8
1962	56.3	35.4	68.8	66.1	64.1	18.5
1963	56.5	36.6	69.6	66.5	64.8	17.1
1964	57.0	35.4	70.8	67.4	65.4	18.4
1965	56.7	34.7	70.3	67.5	65.8	17.3
1966	58.6	40.9	71.8	68.4[r]	65.8	16.7
1967	58.9	41.0	71.7	69.0	66.3	15.4[r]
1968	59.0	41.1	71.8	69.3	66.2	15.4
1969	59.2	39.6	72.2	70.6[r]	65.9[r]	14.7
1970	59.2	40.5[r]	71.2	70.6[r]	66.3	13.7[r]
1971	59.5	41.9	71.8	71.5	65.9	12.6
1972	60.2	43.7	73.9	72.6	65.7	11.6
1973	60.9	46.5	73.8	73.2	66.5	10.7
1974	61.8	49.4	75.7	74.2	66.1	10.1
1975	64.1	54.4	76.4	77.7	66.5	11.8
1976	63.9	52.1	77.0	77.8	67.0	10.4
1977	64.3	52.9	78.8	78.4	67.2	9.7
1978	65.5	55.5	79.3	80.3	67.7	9.8
1979	66.6	59.0	80.5	81.1	68.9	9.8
1980	66.8	59.1	81.3	82.0	68.3	9.3

1) For 1966 onward, the age bracket is 15-19.

Source: SC, *The Labour Force*, (71-001).

Table 11.6
Persons In and Not In the Labour Force by Sex, Canada and Ontario, 1950-1980

	In the Labour Force				Not in Labour Force			
	Canada		Ontario		Canada		Ontario	
	Male	Female	Male	Female	Male	Female	Male	Female
	Annual Averages ('000's)							
1950	4,050[r]	1,112[r]	1,395	430	772[r]	3,681[r]	234	1,234
1951	4,076[r]	1,147[r]	1,426	444	781[r]	3,728[r]	229	1,252
1952	4,144[r]	1,180[r]	1,454	454	827[r]	3,805[r]	248	1,285
1953	4,206	1,191	1,487	461	869	3,898	258	1,320
1954	4,263	1,231	1,526	496	925	3,973	265	1,331
1955	4,341	1,269	1,545	514	949	4,038	283	1,353
1956	4,437	1,346	1,587	560	961	4,064	280	1,346
1957[b]	4,573	1,435	1,644	594	986	4,129	294	1,379
1958	4,641	1,496	1,674	589	1,044	4,207	312	1,437
1959	4,687	1,554	1,690	612	1,098	4,266	333	1,457
1960	4,754	1,657	1,714	663	1,136	4,285	345	1,448
1961	4,782	1,739	1,717	684	1,209	4,322	374	1,463
1962	4,819	1,797	1,725	697	1,276	4,389	396	1,486
1963	4,879	1,870	1,751	724	1,337	4,451	406	1,500
1964	4,961	1,972	1,780	776	1,390	4,494	428	1,503
1965	5,065	2,076	1,817	798	1,440	4,547	453	1,543
1966	5,159	2,226	1,872	857	1,294	4,404	413	1,518
1967	5,277	2,358	1,920	911	1,356	4,453	439	1,535
1968	5,377	2,460	1,966	951	1,431	4,537	459	1,568
1969	5,487	2,581	2,012	999	1,496	4,598	482	1,591
1970	5,600	2,665	2,067	1,040	1,562	4,701	509	1,634
1971	5,701	2,800	2,109	1,106	1,628	4,744	544	1,646
1972	5,827	2,916	2,169	1,160	1,652	4,791	543	1,657
1973	5,997	3,110	2,219	1,226	1,645	4,775	555	1,659
1974	6,185	3,276	2,288	1,304	1,649	4,814	561	1,662
1975	6,294	3,680	2,342	1,476	1,732	4,617	573	1,563
1976	6,369	3,837	2,361	1,524	1,840	4,660	615	1,584
1977	6,505	3,994	2,412	1,581	1,873	4,686	624	1,592
1978	6,650	4,232	2,480	1,667	1,881	4,618	616	1,571
1979	6,799	4,408	2,533	1,756	1,877	4,607	611	1,540
1980	6,909	4,613	2,548	1,818	1,917	4,566	640	1,528

Source: SC, *The Labour Force*, (71-001).

Table 11.7
Agricultural and Non-Agricultural Labour Force by Sex and by Age Group, Canada and Ontario, 1969-1980

	1969		1970		1971		1972	
Labour Force	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
	Annual Averages ('000's)							
Total	8,068	3,011	8,265	3,106	8,501	3,215	8,743	3,329
Agricultural	526	133	504	130	504	132	472	114
Non-agricultural	7,498	2,864	7,701	2,957	7,925	3,055	8,210	3,194
Never worked	44	14	61	20	72	27	61	21
Male	5,487	2,012	5,600	2,067	5,701	2,109	5,827	2,169
Agricultural	453	110	436	109	434	110	398	93
Non-agricultural	5,010	1,894	5,128	1,947	5,226	1,983	5,394	2,064
Never worked	24		35	11	41	16	34	12
Female	2,581	999	2,665	1,040	2,800	1,106	2,916	1,160
Agricultural	73	23	67	21	70	23	74	21
Non-agricultural	2,489	969	2,572	1,010	2,698	1,072	2,815	1,131
Never worked	20	7	26	9	31	12	27	9
All ages	8,068	3,011	8,265	3,106	8,501	3,215	8,743	3,329
15-19 years	765	257	791	276	831	296	895	318
20-24 years	1,231	429	1,268	450	1,322	475	1,348	490
25-44 years	3,464	1,326	3,550	1,356	3,653	1,404	3,798	1,467
45-64 years	2,392	912	2,446	944	2,498	963	2,519	981
65 years and over	216	85	210	81	197	77	183	72

Table 11.7 (cont'd.)

	1973		1974		1975		1976	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
	Annual Averages ('000's)							
Total	9,107	3,445	9,462	3,592	9,974	3,818	10,206	3,885
Agricultural	456	119	462	116	497	124	489	118
Non-agricultural	8,598	3,310	8,953	3,460	9,383	3,664	9,665	3,747
Never worked	52	16	46	16	94	30	53	20
Male	5,997	2,219	6,185	2,288	6,294	2,342	6,369	2,361
Agricultural	387	99	387	94	384	90	367	86
Non-agricultural	5,581	2,112	5,775	2,186	5,870	2,240	5,986	2,269
Never worked	28	8	24	8	41	12	17	6
Female	3,110	1,226	3,276	1,304	3,680	1,476	3,837	1,524
Agricultural	69	20	75	22	113	33	122	33
Non-agricultural	3,017	1,198	3,179	1,274	3,513	1,424	3,679	1,477
Never worked		8	22	9	53	18	36	13
All ages	9,107	3,445	9,462	3,592	9,974	3,818	10,206	3,885
15-19 years	977	347	1,056	378	1,153	425	1,145	416
20-24 years	1,405	497	1,470	528	1,548	550	1,597	567
25-44 years	3,951	1,518	4,137	1,590	4,396	1,707	4,560	1,746
45-64 years	2,590	1,015	2,616	1,031	2,678	1,058	2,728	1,085
65 years and over	183	69	182	66	199	78	176	71

Table 11.7 (cont'd.)
Agricultural and Non-Agricultural Labour Force by Sex and Age Group, Canada and Ontario, 1969-1980

	1977		1978		1979		1980	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
	Annual Averages ('000's)							
Total	10,498	3,994	10,882	4,147	11,207	4,289	11,522	4,366
Agricultural	482	133	494	138	504	154	498	151
Non-agricultural	9,954	3,839	10,317	3,980	10,630	4,107	10,955	4,190
Never worked	62	22	72	29	73	28	68	25
Male	6,505	2,412	6,650	2,480	6,799	2,533	6,909	2,548
Agricultural	359	95	366	97	375	108	365	102
Non-agricultural	6,124	2,311	6,259	2,374	6,401	2,417	6,521	2,438
Never worked	21	7	25	9	24	8	23	9
Female	3,994	1,581	4,232	1,667	4,408	1,756	4,613	1,818
Agricultural	122	39	127	42	129	46	133	49
Non-agricultural	3,830	1,528	4,058	1,606	4,230	1,690	4,434	1,752
Never worked	41	15	47	19	50	20	45	17
All ages	10,498	3,994	10,882	4,147	11,207	4,289	11,522	4,366
15-19 years	1,169	430	1,200	457	1,259	487	1,268	484
20-24 years	1,655	595	1,715	613	1,766	634	1,815	651
25-44 years	4,727	1,798	4,955	1,880	5,130	1,939	5,349	2,004
45-64 years	2,767	1,102	2,827	1,125	2,865	1,155	2,900	1,155
65 years and over	180	69	184	72	187	74	189	73

Source: SC, *The Labour Force*, (71-001).

Table 11.8
Non-Agricultural Labour Force, by Region, Canada, 1964-1980

	Canada	Ontario	Atlantic Region	Québec	Prairie Region	British Columbia
	Annual averages ('000's)					
1964	6,292	2,394	548	1,832	901	616
1965	6,540	2,461	577	1,903	955	644
1966[r]	6,824	2,582	573	1,997	993	679
1967[r]	7,055	2,676	586	2,061	1,012	721
1968[r]	7,262	2,763	596	2,079	1,075	748
1969[r]	7,498	2,864	607	2,144	1,093	790
1970[r]	7,701	2,957	611	2,168	1,135	830
1971[r]	7,925	3,055	633	2,235	1,149	853
1972[r]	8,210	3,194	659	2,272	1,191	894
1973[r]	8,598	3,310	697	2,394	1,253	944
1974[r]	8,953	3,460	725	2,471	1,300	998
1975	9,383	3,664	752	2,542	1,368	1,058
1976	9,665	3,747	778	2,595	1,456	1,090
1977	9,954	3,839	801	2,660	1,539	1,115
1978	10,317	3,980	837	2,728	1,614	1,158
1979	10,630	4,107	862	2,780	1,690	1,192
1980	10,955	4,190	889	2,851	1,778	1,248

Source: SC, *The Labour Force*, (71-001).

Table 11.9

Labour Force and Employed by Industry, Ontario, 1970-1980

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
	Annual Averages ('000's)										
Labour Force											
All Industries	3,106	3,215r	3,329r	3,445r	3,592r	3,818	3,885	3,994	4,147	4,289	4,366
Primary Industries	186	193	174r	173r	169r	176	179	193	195	203	216
Manufacturing	875	874	907r	943r	968r	939	966	972	1,007	1,072	1,093
Construction	203	215	209r	224r	240r	252	255	258	261	257	256
Transportation and other utilities	231	238	249r	260r	262r	266	284	288	302	308	319
Trade	495	500	540r	558r	595r	653	647	662	700	725	709
Service (including finance)											
Public Administration	1,096	1,167r	1,229r	1,271r	1,342r	1,502	1,534	1,599	1,654	1,695r	1,749
Never worked	20	27	21	16	16r	30	20	22	29	28	25
Employed											
All Industries	2,973	3,045	3,168	3,305	3,443	3,576	3,645	3,714	3,847	4,008	4,066
Primary industries	181	186	169	166	165	168	170	182r	183	191	204
Manufacturing	837	830	868	910	928	877	910	907	943	1,011	1,013
Construction	181	189	185	203	219	224	230	226	226	227	223
Transportation and other utilities	225	229	239	251	253	254	271	273	286	294	305
Trade	478	478	520	540	575	618	610	618	654	684	666
Service (including finance) and Public Administration	1,071	1,133	1,187	1,234	1,303	1,435	1,454	1,508	1,554	1,601r	1,656

Source: SC, *The Labour Force*, (71-001).

Table 11.10
Average Weekly Hours Worked in Manufacturing, by Region, Canada, 1970-1980

	Canada	Ontario	Atlantic Region	Québec	Prairie Region	British Columbia
1970	39.7	39.8	39.9	40.4	39.0	36.8
1971	39.7	39.8	39.6	40.3	38.9	37.2
1972	40.0	40.2	39.8	40.6	38.8	37.6
1973	39.6	40.0	39.6	40.1	38.5	37.3
1974	38.8	39.2	38.2	39.6	37.6	36.4
1975	38.6	38.9	38.2	39.1	37.3	36.1
1976	38.7	39.3	37.9	38.9	37.3	36.5
1977	38.7	39.3	37.9	38.9	37.2	36.2
1978	38.8	39.3	38.1	39.1	37.6	36.4
1979	38.8	39.4	38.2	38.9	37.6	36.3
1980	38.5	39.0	38.0	38.9	37.7	36.2
			Seasonally Adjusted Monthly Data[1]			
1978						
January	37.9[r]	37.9	38.1[r]	38.9	37.1	36.0
February	38.9[r]	39.3	37.9	39.1	37.4	36.2
March	38.5	39.1	37.6[r]	38.6	37.4	36.0
April	38.8	39.4	37.6[r]	39.0	37.5	36.2
May	38.8[r]	39.5	38.3[r]	38.9	37.8	36.1
June	38.8	39.3	38.1[r]	39.4	37.7	36.2
July	38.9	39.5	38.0[r]	39.3	37.7	36.5
August	38.9	39.3	38.1[r]	39.1	37.6	37.0
September	38.9	39.5	38.0[r]	39.1	37.5	36.5
October	38.8	39.4	38.5[r]	39.1	37.6	36.5
November	39.0	39.7	38.4	39.0	37.7	36.5
December	39.3[r]	39.6	38.3[r]	39.3	37.7	36.8
1979						
January	39.1[r]	39.9	38.0[r]	39.1	37.5	36.6
February	38.9[r]	39.4	38.1	39.2	37.1	36.3
March	39.0	39.7	38.9[r]	39.1	37.2	36.7
April	38.9	39.5	38.1[r]	39.0	37.5	36.3
May	39.0[r]	39.7	38.4[r]	39.3	37.7	36.7
June	38.8	39.5	38.3	39.2	37.4	36.0
July	38.9	39.7	38.9[r]	38.9	37.9	36.2
August	38.7	39.0	38.3[r]	38.9	37.8	36.6
September	38.8	39.5	37.8[r]	38.9	37.7	36.7
October	38.7	39.2	38.0[r]	38.8	37.7	36.3
November	38.7	39.3	37.8	38.5	37.9	36.4
December	38.3[r]	38.9	37.9[r]	38.4	37.5	34.2
1980						
January	39.0	39.6	38.1	39.3	37.9	36.5
February	38.7	39.2	38.4	38.9	37.8	36.2
March	38.8	39.1	39.3	39.0	37.8	36.8
April	38.4	38.8	37.3	38.8	37.5	36.2
May	38.5	38.9	38.5	39.0	37.5	36.0
June	38.2	38.4	38.6	38.8	37.7	36.1
July	37.9	38.4	37.5	38.5	37.4	36.0
August	38.2	38.8	37.5	38.5	37.5	35.9
September	38.6	39.1	37.5	38.8	37.7	36.6
October	38.8	39.4	37.8	38.9	37.8	36.4
November	38.6	39.2	37.6	38.8	37.8	35.8
December	38.7	39.1	37.6	39.2	37.5	36.3

1) Average hours in manufacturing adjusted by Statistics Canada.

Source: SC, *Employment, Earnings and Hours*.

Table 11.11
Average Weekly Hours Worked and Average Hourly Earnings in Manufacturing, by Selected Urban Area[1], Ontario, 1976-1980

	Average Weekly Hours Worked in Manufacturing					Average Hourly Earnings in Manufacturing				
	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
							$			
Ontario	39.3	39.3	39.3	39.4	39.0	5.87	6.47	6.91	7.48	8.17
Toronto (metro)	39.4	39.3	39.3	39.4	38.9	5.52	6.02	6.37	6.95	7.59
Hamilton (metro)	38.9	38.8	39.2	39.7	39.4	6.53	7.13	7.71	8.34	9.08
Ottawa	38.3	38.5	38.7	38.6	39.0	5.78	6.47	7.06	7.70	8.40
London (metro)	38.8[r]	38.7	39.1	39.0	38.5	5.67[r]	6.18	6.80	7.56	8.36
Windsor (metro)	41.4	40.9	40.7	40.1	39.2	7.06	7.92	8.47	8.81	10.11
Kitchener (metro)	38.8	38.6	38.8	38.8	38.3	5.26	5.82	6.26	6.73	7.34
St. Catharines	42.1	42.6	43.0	42.0	39.1	7.08	7.85	8.60	9.33	10.05
Thunder Bay (metro)	38.3	38.7	38.8	39.1	38.6	7.20	8.00	8.44	9.15	9.85
Oshawa	41.4	41.6	40.4	40.6	40.6	6.95	7.53	8.16	8.89	9.93
Niagara Falls	39.5	39.8	39.7	39.9	39.0	5.70	6.29	6.79	7.50	8.00
Brantford	39.3	38.8	38.1	38.8	38.0	5.91	6.42	7.02	7.76	8.12
Guelph	38.6	38.8	38.8	39.2	38.7	5.38	6.00	6.43	7.00	7.66
Kingston	39.6	40.0	39.9	39.5	39.4	6.24	6.73	7.18	7.80	8.56
Peterborough	39.2	39.0	39.6	40.0	39.6	6.02	6.54	6.87	7.46	8.29
Sarnia	39.9	39.2	39.8	40.3	41.0	7.46	8.52	8.97	9.87	11.07
Cornwall	38.4	39.0	39.4	39.2	38.7	5.82	6.48	6.97	7.52	7.73
Welland	39.7	40.4	40.3	40.9	40.4	6.44	7.16	7.62	8.56	9.38
Brampton	39.0	38.5	39.4	39.6	39.2	5.62	6.22	6.63	7.18	7.87

1) Urban areas may also include satellite communities.

Source: SC, *Employment, Earnings and Hours.*

Table 11.12
Labour Force and Employed by Occupation, Ontario, 1977-1980

	Labour Force				Employed			
	1977	1978	1979	1980	1977	1978	1979	1980
	Annual Averages ('000's)							
All Occupations	3,994	4,147	4,289	4,366	3,714	3,847	4,008	4,066
Managerial, Administrative[1]	878	907	930	957	850	874	902	933
Clerical	730	760	766	784	683	707	724	741
Sales	432	424	440	440	410	402	419	419
Service	501	539	559	572	457	491	513	524
Primary[2]	179	182	197	209	166	168	184	192
Processing etc.[3]	686	721	786	785	636	674	733	717
Construction	255	258	256	257	227	227	229	227
Transport	150	157	156	160	139	146	147	149
Material Handling and other Crafts	162	171	170	177	148	157	157	164
Never worked[4]	22	29	28	25	. . .	. . .	. . .	. . .

1) Includes managerial and administrative, natural sciences, social sciences, religion, teaching, medicine and health, artistic and recreational occupations.
2) Includes farmers and farm workers, fishermen, trappers and hunters, loggers and related workers, miners, quarrymen and related workers.
3) Includes processing, machining and product fabricating, assembling and repairing.
4) Comprises unemployed persons who never had a full-time job lasting two weeks or more.

Source: SC, *The Labour Force*, (71-001).

Table 11.13
Employment Index Numbers, Industrial Composite, by Selected Urban Area[1], Ontario, 1974-1980

	1974	1975	1976	1977	1978	1979	1980
Ontario	147.5	144.2	147.1	148.0	151.2	155.3	155.8
Toronto (metro)	154.5	152.4	154.9 r	155.9	160.6	166.6	170.4
Hamilton	136.5	134.1	134.3	132.9	134.1	139.3	141.0
Ottawa-Hull	168.5	167.1	170.8	173.1	179.6r	180.6	178.6
London	138.5	132.9	134.7	134.7	143.9r	146.4	145.9
Windsor	159.8	148.1	163.0	172.0	175.1	167.9	142.3
Kitchener	181.0	170.0	174.1	169.3	173.7	176.3	169.3
St. Catharines	145.6	136.1	142.2	142.8	145.9r	149.1	139.8
Thunder Bay	145.6	138.9	151.1	156.9	155.6	156.7	153.5
Oshawa	149.2	140.5	149.4	155.6	164.0	164.7	157.4
Sudbury	109.2	113.9	117.1	113.9	89.3	84.1	104.2
Sault Ste. Marie	136.0	137.2	136.3	136.2	141.5r	144.7	148.8
Niagara Falls	125.7	125.7	122.4	126.0	129.9	133.3	136.9
Brantford	152.4	153.2	152.5	154.8	162.0	168.6	157.6
Guelph	155.5	156.4	160.7	159.8	162.1	172.7	176.4
Kingston	138.0	138.3	139.5	137.4	140.4r	144.1	139.6
Peterborough	140.8	147.6	140.6	132.5	136.0	147.5	151.0
Sarnia	144.2	146.2	153.1	161.3	160.5r	150.6	151.1
North Bay	134.1	132.6	131.9	141.6	148.6	150.9	159.2
Cornwall	140.9	118.6	120.9	124.9	126.7	134.1	132.6
Welland	112.2	107.1	107.3	103.5	105.3	109.3	104.7
Brampton	360.1	353.2	362.2	357.0	325.9	335.9	345.8

1) Urban areas represent incorporated municipalities.

Source: SC, *Employment, Earnings and Hours.*

Table 11.14
Employment Index Numbers by Industry, by Selected Urban Area, Canada and Ontario, 1965-1980

	1965	1966	1967	1968	1969	1970	1971	1972
	Annual Averages (1961 = 100)							
Industrial Composite								
Canada	114.3	121.2	122.6	122.7	126.9	127.1	127.8	129.9
Ontario	116.5	123.3	125.1	126.1	131.0	131.6	132.1	134.2
Toronto	115.8	123.6	126.0	128.2	134.3	135.1	135.5	139.0
Hamilton	119.8	123.7	120.8	119.8	121.2	124.0	123.6	123.9
Kingston	122.0	125.2	121.7	123.0	128.3	125.6	122.5	124.2
London	118.8	124.0	124.3	121.3	125.2	124.4	123.8	128.3
Ottawa-Hull	111.5	117.4	123.5	128.6	137.7	140.6	143.1	146.8
Thunder Bay	116.2	126.1	126.9	119.6	124.2	125.6	135.5	137.5
Windsor	132.7	149.3	149.3	149.6	152.7	149.9	150.0	153.4
Forestry								
Canada	104.1	106.2	102.3	91.1	88.7	84.2	79.4	76.3
Ontario	103.9	106.0	102.9	90.0	90.7	84.7	73.7	68.0
Mining, Including Milling								
Canada	105.1	107.0	109.1	109.8	107.9	115.7	114.8	110.4
Ontario	90.3	89.3	93.6	95.3	84.3	96.3	98.2	88.0
Manufacturing								
Canada	117.2	123.5	123.1	122.1	125.2	122.8	121.6	123.7
Ontario	121.9	129.4	128.9	127.2	130.6	127.6	126.0	128.6
Toronto	116.3	124.8	125.3	123.6	127.8	124.4	121.8	124.3
Hamilton	123.7	127.1	121.6	119.5	118.4	120.2	117.1	119.1
Kingston	115.2	120.3	115.6	113.6	117.7	108.7	102.1	105.9
London	116.5	122.7	121.1	114.6	115.0	107.3	106.4	115.3
Ottawa-Hull	113.6	118.9	122.5	120.3	126.8	125.1	109.9	108.3
Thunder Bay	123.1	135.3	136.5	129.2	132.5	124.7	132.0	133.7
Windsor	140.7	159.1	155.8	153.6	156.1	148.6	148.8	154.4
Construction								
Canada	118.4	128.9	122.6	119.4	119.1	113.9	115.5	109.7
Ontario	110.2	121.6	118.3	123.3	123.6	124.7	123.2	112.8
Toronto	119.9	138.0	136.2	148.7	151.8	156.9	151.2	137.6
Hamilton	113.8	115.5	106.3	105.5	92.9	112.3	127.3	97.1
London	149.2	157.6	162.8	152.9	152.0	152.1	146.5	132.5
Ottawa-Hull	110.3	118.9	127.0	133.9	137.9	129.3	142.1	128.7
Windsor	139.2	161.2	152.6	159.3	149.8	143.6	119.6	125.0

Table 11.14 (cont'd.)
Employment Index Numbers by Industry, by Selected Urban Area, Canada and Ontario, 1965-1980

	1973	1974	1975	1976	1977	1978	1979	1980
				Annual Averages (1961 = 100)				
Industrial Composite								
Canada	135.9	142.8	141.1	144.1	144.3	146.5	150.7	152.4
Ontario	141.2	147.5	144.2	147.1	148.0	151.2	155.3	155.9
Toronto	147.2	154.5	152.4	154.9r	155.9	160.6	166.6	170.4
Hamilton	129.8	136.5	134.1	134.3	132.9	134.1	139.3	141.0
Kingston	130.0	138.0	138.3	139.5	137.4	140.4	144.1	139.6
London	132.4	138.5	132.9	134.7	134.7r	143.9	146.4	145.9
Ottawa-Hull	156.9	168.5	167.1	170.8	173.1	179.6	180.6	178.6
Thunder Bay	137.9	145.6	138.9	151.1	156.9	155.6	156.7	153.5
Windsor	160.4	159.8	148.1	163.0	172.0	175.1	167.9	142.3
Forestry								
Canada	86.4	87.4	76.0	76.2	78.0	81.4	83.1	79.5
Ontario	79.1	84.5	68.3	58.1	72.9	95.8	95.2	91.4
Mining, Including Milling								
Canada	111.4	115.5	114.1	118.3	122.8	119.1	128.1	142.8
Ontario	83.4	85.2	86.5	89.6	88.3	76.3	75.8	87.1
Manufacturing								
Canada	129.9	133.8	126.3	128.1	126.3	127.6	131.4	129.0
Ontario	135.4	139.1	130.4	132.5	131.4	132.9	137.5	134.1
Toronto	128.9	133.0	126.4	126.6	124.8	126.8	131.8	130.9
Hamilton	124.8	129.7	124.5	123.7	121.6	121.7	129.7	131.0
Kingston	109.8	113.9	110.3	107.5	103.8	99.5	107.6	105.5
London	119.3	123.9	114.8	114.6	111.6r	119.4	122.1	119.1
Ottawa-Hull	112.6	120.8	109.0	106.5	103.0	106.3	107.8	106.8
Thunder Bay	132.8	141.1	113.6	132.5	154.1	154.3	155.4	149.4
Windsor	164.0	157.7	141.1	157.7	167.1	167.8	156.6	118.7
Construction								
Canada	109.9	117.1	117.1	113.8	110.9	99.6	96.3	93.4
Ontario	112.7r	118.2	116.4	113.4	111.1r	103.2	95.3	91.6
Toronto	139.0	142.8	137.5	131.9	127.3	121.2	114.4	113.5
Hamilton	102.2	118.9	128.3	112.5	109.8	103.9	94.5	87.8
London	119.4	125.0	107.4	96.9	91.2	..	..	..
Ottawa-Hull	134.8	135.4	116.1	121.9	119.1	98.8	85.7	73.1
Windsor	112.5	131.3	131.0	129.8	116.7	122.6	119.8	120.7

Table 11.14 (cont'd.)
Employment Index Numbers by Industry, by Selected Urban Area, Canada and Ontario, 1965-1980

	1965	1966	1967	1968	1969	1970	1971	1972
	Annual Averages (1961 = 100)							
Transportation, Communication and Other Utilities								
Canada	104.8	107.5	110.9	109.5	111.9	112.6	114.6	116.0
Ontario	105.3	107.2	110.8	109.4	112.9	114.0	116.0	117.1
Toronto	107.2	110.1	114.6	116.2	122.5	126.7	129.6	131.4
Hamilton	106.0	102.9	103.6	100.4	106.3	104.5	103.2	108.6
London	113.5	110.1	105.3	105.6	114.3	116.0	117.2	115.7
Ottawa-Hull	103.2	105.8	110.5	114.3	120.8	129.2	133.2	141.3
Thunder Bay	106.6	114.4	111.6	102.7	108.1	125.8	149.8	138.7
Windsor	106.1	116.4	121.7	121.1	120.5	119.3	125.0	124.3
Trade								
Canada	114.3	123.7	125.8	129.4	136.6	139.3	140.3	146.2
Ontario	113.9	121.4	125.0	130.4	140.1	144.0	145.3	150.9
Toronto	113.5	120.0	120.6	124.6	132.3	135.0	136.4	142.6
Hamilton	117.3	124.5	128.4	130.3	139.9	138.4	139.9	139.5
London	113.2	117.1	121.4	122.2	126.3	130.3	126.7	132.1
Ottawa-Hull	108.7	115.1	121.8	131.1	141.6	145.6	147.8	154.2
Thunder Bay	108.6	117.8	121.2	118.7	121.1	124.0	122.4	136.1
Windsor	120.6	130.5	137.6	142.4	149.3	156.8	155.7	150.8
Finance, Insurance and Real Estate								
Canada	116.6	120.5	126.0	131.4	138.8	143.6	145.9	148.7
Ontario	114.2	118.4	125.1	131.5	139.0	144.6	147.2	150.0
Toronto	112.0	117.5	125.1	133.2	142.2	148.7	152.9	158.1
Hamilton	112.6	116.3	120.4	131.0	143.8	156.2	166.6	164.5
London	118.0	125.8	130.5	131.1	141.0	150.9	152.6	153.5
Ottawa-Hull	112.6	116.2	120.1	123.8	131.1	133.5	137.7	141.3
Service								
Canada	125.9	139.1	153.0	157.8	171.8	178.5	186.4	193.5
Ontario	126.9	139.5	149.9	158.0	172.1	180.6	190.6	198.3
Toronto	128.2	139.8	149.7	156.9	166.5	173.8	183.6	196.2
Hamilton	114.0	124.2	131.6	131.6	138.5	150.1	158.9	160.0
London	134.1	144.2	143.8	148.4	161.4	172.1	180.9	180.7
Ottawa-Hull	122.5	133.5	145.8	160.3	179.9	192.6	220.9	236.4
Windsor	128.3	161.7	176.2	188.5	211.2	228.9	235.3	239.0

Table 11.14 (cont'd.)
Employment Index Numbers by Industry, by Selected Urban Area, Canada and Ontario, 1965-1980

	1973	1974	1975	1976	1977	1978	1979	1980
	Annual Averages (1961 = 100)							
Transportation, Communication and Other Utilities								
Canada	118.0	124.6	125.8	128.7	130.1	132.5	135.0	139.3
Ontario	121.7	126.7	127.0	131.0	134.2	137.5	139.4	142.7
Toronto	140.5	147.3	149.1	157.5	163.3	167.1	170.5	175.1
Hamilton	108.4	110.3	107.8	111.7	111.4	116.4	117.2	118.4
London	119.5	128.0	129.3	138.9	142.4	133.4	131.1	140.9
Ottawa-Hull	154.8	170.1	176.7	192.2	202.5	212.0	211.3	211.8
Thunder Bay	130.3	128.1	131.8	133.9	136.1	143.4	150.4	152.1
Windsor	130.6	142.2	138.3	149.7	152.7	153.3	150.8	146.6
Trade								
Canada	155.3	165.7	168.5	172.2	169.6	173.7	179.1	182.4
Ontario	161.0	171.4	173.6	176.7	174.8	178.3	183.2	185.7
Toronto	154.2	163.3	162.8	164.3	160.9	164.1	170.5	176.0
Hamilton	147.0	157.9	159.5	164.8	162.2	164.9	165.1	169.8
London	138.5	144.2	142.4	146.2	140.1	152.8	155.0	154.2
Ottawa-Hull	162.9	171.4	179.3	177.6	175.1	179.2	180.4	180.0
Thunder Bay	139.5	144.3	145.2	146.0	141.5	138.7	145.2	150.7
Windsor	152.8	155.8	155.1	172.9	189.3	193.8	187.8	175.8
Finance, Insurance and Real Estate								
Canada	157.1	167.3	175.0	183.9	194.5	199.2	205.8	208.7
Ontario	159.8r	169.9	175.9	183.9	192.9	198.8	205.5	210.9
Toronto	172.5	183.6	190.6	199.0	208.8	211.6	219.4	229.7
Hamilton	169.5	181.9	187.8	188.0	195.3	..	..	..
London	155.0	158.5	157.5	164.6	177.7	189.1	196.9	195.7
Ottawa-Hull	153.4	163.2	167.1	172.2	178.1	198.2	207.0	208.7
Service								
Canada	206.1	224.0	231.9	242.8	250.1	260.7	271.3	283.7
Ontario	212.0	229.4	234.2	241.4	251.7	271.6	284.1	299.1
Toronto	210.4	228.2	233.7	241.6	254.4	282.0	300.5	320.9
Hamilton	169.1	179.7	181.0	190.2	195.1	197.4	205.0	216.1
London	196.0	213.7	210.8	211.3	227.0	255.5	271.2	283.2
Ottawa-Hull	257.2	284.5	287.4	296.7	310.4	319.6	323.1	323.2
Windsor	247.5	252.7	247.3	250.3	265.0	278.9	290.5	290.9

Source: SC, *Employment, Earnings and Hours.*

Table 11.15
Employment by Sex, Canada and Ontario, 1953-1980

	Total		Male		Female	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
			Annual Averages ('000's)			
1953	5,235	1,907	4,063	1,452	1,172	456
1954	5,243	1,945	4,044	1,459	1,199	485
1955	5,364	1,993	4,128	1,490	1,236	503
1956	5,585	2,096	4,266	1,543	1,320	553
1957	5,731	2,161	4,329	1,580	1,402	582
1958	5,706	2,142	4,263	1,571	1,442	570
1959	5,870	2,198	4,363	1,603	1,507	596
1960	5,965	2,249	4,368	1,607	1,597	642
1961	6,055	2,269	4,381	1,608	1,674	662
1962	6,225	2,317	4,488	1,641	1,737	676
1963	6,375	2,382	4,567	1,678	1,808	704
1964	6,609	2,473	4,698	1,718	1,911	756
1965	6,862	2,548	4,842	1,768	2,020	780
1966	7,121[r]	2,660	4,952	1,823	2,168	837
1967	7,324	2,742	5,035	1,856	2,289	886
1968	7,461	2,814	5,085	1,893[r]	2,376	920
1969	7,693	2,916	5,204[r]	1,946	2,488	971
1970	7,778	2,973	5,233	1,972	2,545	1,001
1971	7,958	3,045	5,302	1,992	2,656	1,053
1972	8,191	3,168	5,431	2,059	2,760	1,109
1973	8,598	3,305	5,647	2,129	2,951	1,176
1974	8,951	3,443	5,836	2,195	3,115	1,247
1975	9,284	3,576	5,903	2,215	3,381	1,360
1976	9,479	3,645	5,965	2,240	3,515	1,405
1977	9,648	3,714	6,031	2,269	3,617	1,445
1978	9,972	3,847	6,148	2,327	3,824	1,520
1979	10,369	4,008	6,347	2,390	4,022	1,618
1980	10,655	4,066	6,430	2,389	4,225	1,677

Source: SC, *The Labour Force*, (71-001)

Table 11.16
The Employed by Class of Worker, Ontario, 1966-1980

	Total	Paid Workers	Self-employed			Unpaid Family Workers
			Own-Account Workers	Employers	Total	
	'000's					
1966	2,660	2,349	140	125	265	46
1967	2,742	2,432	143	119	261	49
1968	2,814	2,508	134	120	254	52
1969	2,916	2,610	135	126	261	45
1970	2,973	2,672	134	122	256	45
1971	3,045	2,735	134	129	264	47
1972	3,168	2,864	129	135	264	39
1973	3,305	2,998	138	128	266	41
1974	3,443	3,127	141	133	274	42
1975	3,576	3,278	169	96	265	34
1976	3,645	3,343	172	96	268	34
1977	3,714	3,379	191	108	299	37
1978	3,847	3,485	213	107	320	41
1979	4,008	3,637	221	108	328	44
1980	4,066	3,705	226	100	326	35

Source: SC, *The Labour Force*, (71-001).

Table 11.17
Unemployed Persons by Family Status, Ontario, 1966-1980

	Total Unemployed	Members of Family Units					Non-members of Family Units
		Total	Head of Unit	Spouse	Single Sons or Daughters	Other Relatives	
	Annual Averages ('000's)						
1966	69	62	27	..	22	14	6
1967	89	82	39	..	27	16	10
1968	104	95	39	..	36	20	11
1969	95	86	34	..	32	20	9
1970	134	120	49	..	45	25	13
1971	170	154	64	..	56	35	21
1972	162	143	55	..	54	34	20
1973	142	123	45	..	47	32	19
1974	152	132	48	..	50	34	20
1975	242	215	67	68	70	10	27
1976	240	214	57	67	79	11	25
1977	280	247	68	76	89	14	32
1978	300	264	74	81	96	13	36
1979	280	250	70	73	94	13	31
1980	300	266	81	72	101	12	33

Source: SC, *The Labour Force*, (71-001).

Table 11.18

Unemployment Rates by Age and Sex, Ontario, 1956-1980

	Total					Male					Female				
	All ages	14-19[2]	20-24	25-44	45+	All ages	14-19[2]	20-24	25-44	45+	All ages	14-19	20-24	25-44	45+
	Annual Averages (Per Cent)														
1956	2.4	4.3	3.2	2.0	2.3[r]	2.8	5.8	3.8	2.2	2.7	1.2	. . .[1]	. . .[1]	. . .[1]	. . .[1]
1957	3.4	6.4	5.1	2.9	2.7	3.9	8.7	6.1	3.4	3.1	2.2	4.8	. . .[1]	1.6	. . .[1]
1958	5.4	11.2	8.0	4.6	4.3[r]	6.2	13.5	10.9	5.3	4.6[r]	3.2	8.1	. . .[1]	2.4	. . .
1959	4.5	9.5	5.5	3.7	4.1[r]	5.1	11.1	6.7	4.3	4.8[r]	2.6	6.0	. . .[1]	1.9	. . .[1]
1960	5.4	11.4	6.9	4.5	4.4[r]	6.2	14.5	9.0	5.3	5.3	3.0	7.8	. . .[1]	2.4	. . .[1]
1961	5.5	10.9	7.2	4.6	4.9[r]	6.3	13.2	9.7	5.4	5.6[r]	3.2	8.0	. . .[1]	2.4	1.9
1962	4.3	9.9	5.4	3.5	3.8	4.9	10.7	6.8	3.8	4.5	3.0	7.9	. . .[1]	2.4	. . .[1]
1963	3.8	9.9	4.9	2.9	3.2	4.2	10.9	5.4	3.1	3.7[r]	2.9	8.5	. . .[1]	2.3	. . .[1]
1964	3.2	8.7	3.9	2.4	2.7	3.5	9.9	5.2	2.5	3.1	2.7	7.9	. . .[1]	2.2	. . .[1]
1965	2.5	6.7	3.0	1.7	2.3	2.7	7.4	3.8	1.8	2.8[r]	2.3	5.8	. . .[1]	1.8	. . .[1]
1966	2.5	6.9[r]	3.2	1.8	2.2	2.6	7.5	3.6[r]	1.8[r]	2.5[r]	2.3	6.1[r]	2.6[r]	1.8[r]	1.4[r]
1967	3.1	8.3[r]	3.9[r]	2.4[r]	2.4	3.3	9.1[r]	4.7[r]	2.6	2.7	2.7	7.4[r]	2.8[r]	2.1[r]	1.6[r]
1968	3.5	9.7	4.5	2.7	2.6[r]	3.7	10.6[r]	4.9[r]	2.9	2.9	3.2	8.6[r]	4.0[r]	2.3[r]	1.9[r]
1969	3.1	8.6	3.8[r]	2.3	2.5	3.3	9.5[r]	4.4	2.4	2.8	2.8	7.4[r]	3.0[r]	2.1[r]	1.8[r]
1970	4.3	11.4[r]	6.0	3.3[r]	3.0	4.6[r]	12.4[r]	7.4[r]	3.5	3.3	3.7[r]	10.1[r]	4.1[r]	2.7[r]	2.4[r]
1971	5.3	13.7	7.9	3.7	3.8	5.5	15.6	9.4	3.8	4.2	4.8	11.5	5.9	3.4	3.0
1972	4.8	11.7	7.5	3.4	3.5	5.1	13.5	8.9	3.5	3.7	4.4	9.4	5.8	3.3	2.8
1973	4.1	9.7	6.6	3.0	2.7	4.0	10.1	7.3	2.9	2.8	4.1	9.1	5.7	3.2	2.3
1974	4.2	9.6	6.5	3.1	2.7	4.0	10.3	6.9	2.8	2.9	4.4	8.7	6.0	3.7	2.2
1975	6.3	14.2	9.0	5.0	4.1	5.4	14.4	9.2	3.9	3.3	7.8	13.9	8.8	6.9	5.6
1976	6.2	14.7	8.8	5.1	3.4	5.1	14.9	8.9	3.7	2.8	7.8	14.4	8.6	7.4	4.6
1977	7.0	15.6	11.2	5.3	4.3	5.9	15.8	11.1	4.0	3.6	8.6	15.4	11.3	7.5	5.5
1978	7.2	16.8	10.2	5.8	4.3	6.2	17.5	10.2	4.2	3.7	8.8	16.0	10.2	8.3	5.3
1979	6.5	15.0	9.2	5.2	3.8[r]	5.6	15.1	9.2	3.9	3.4[r]	7.8	14.8	9.3	7.1	4.6[r]
1980	6.9	15.9	9.8	5.5	3.9	6.2	17.1	9.7	4.7	3.5	7.7	14.6	9.9	6.7	4.7

1) Unemployed estimates less than 4,000.
2) From 1966 onwards this category is 15-19 years.

Source: SC, Labour Force Survey Division.

Table 11.19
Unemployed Persons by Occupation, Canada and Ontario, 1976-1980

	All Occupations	Managerial, Administrative, etc.[2]	Clerical	Sales	Service	Primary Occupations[3]	Processing, etc.[4]	Construction	Transportation	Materials Handling and Other Crafts	Never Worked[5]
	Annual Averages ('000's)										
1976											
Canada	727	80	111	53	107	45	124	88	30	36	53
Ontario	240	29	41	19	33	11	43	23	8	12	20
1977											
Canada	850	84	130	66	135	51	144	103	34	42	62
Ontario	280	29	47	22	44	12	50	28	11	14	22
1978											
Canada	911	96	141	68	149	54	140	115	35	40	72
Ontario	300	32	53	22	47	13	47	31	11	14	29
1979											
Canada	838	84	125	60	145	52	132	94	33	40	73
Ontario	280	27	42	21	46	14	53	27	9	13	28
1980											
Canada	867	82	126	63	148	57	153	97	34	39	68
Ontario	300	24	43	22	48	16	67	30	11	13	25

1) 1975 to 1978 revisions based on re-benchmarking to the 1976 census of population.
2) Includes managerial and administrative, natural sciences, social sciences, religion, teaching, medicine and health, artistic and recreational occupations.
3) Includes farmers and farm workers, fishermen, trappers and hunters, loggers and related workers, miners, quarrymen and related workers.
4) Includes processing, machining and product fabricating, assembling and repairing.
5) Comprises unemployed persons who never had a full-time job lasting two weeks or more.

Source: SC, Labour Force Survey Division, (71-001).

Table 11.20
Duration of Unemployment, Canada and Ontario, 1974-1980

	Total Unemployed	Unemployed Under Three Months[1]	Unemployed Three Months and Over	Other[2]
	Annual Averages ('000's)			
1974				
Canada	510	343	168	. .
Ontario	149	108	41[r]	. .
1975				
Canada	685	448[r]	238[r]	. .
Ontario	223	152[r]	71[r]	. .
1976				
Canada	727	454[r]	243	29
Ontario	240	160	71	9
1977				
Canada	850	523	298	30
Ontario	280	180[r]	91	9
1978				
Canada	911	540	339	31
Ontario	300	184	107	9
1979				
Canada	838	519	290	29
Ontario	280	181[r]	91	8
1980				
Canada	867	543	296	28
Ontario	300	195	96	9

1) Includes persons on temporary layoff up to 30 days and persons seeking work under 3 months.
2) Includes persons with a job to start within 4 weeks of the reference week who had not actively looked for work in the past 4 weeks, but who were available for work in the reference week.

Source: SC, *The Labour Force*, (71-001).

Table 11.21
Distribution of Membership of Reporting National Labour Organizations[1] by Affiliation, Canada and Ontario, 1970-1978

	Membership										Total Membership	
	CLC		CSD		CNTU		PSAC/CLC		Unaffiliated			
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
1970												
Canada	256,522	100.0	...	...	185,614	100.0	122,185	100.0	320,024	100.0	884,345	100.0
Ontario	94,939	37.0	...	...	996	0.5	54,355	44.5	72,640	22.7	222,930	25.2
1971												
Canada	274,809	100.0	...	...	184,925	100.0	129,626	100.0	370,988	100.0	960,348	100.0
Ontario	99,589	36.2	...	...	150	0.1	58,283	45.0	89,658	24.2	247,680	25.8
1972												
Canada	299,140	100.0	23,676	100.0	132,658	100.0	133,319	100.0	345,698	100.0	934,491	100.0
Ontario	110,080	36.8	...	...	110	0.1	59,439	44.6	93,314	27.0	262,943	28.1
1973												
Canada	361,031	100.0	37,303	100.0	160,254	100.0	128,308	100.0	377,045	100.0	1,063,941	100.0
Ontario	117,220	32.5	...	...	115	0.1	56,028	43.7	98,482	26.1	271,845	25.5
1974												
Canada	464,298	100.0	27,763	100.0	174,471	100.0	135,827	100.0	393,835	100.0	1,196,194	100.0
Ontario	133,809	28.8	...	...	151	0.1	61,706	45.4	113,101	28.7	308,767	25.8
1975												
Canada	530,894	100.0	26,101	100.0	152,214	100.0	143,576	100.0	371,649	100.0	1,224,434	100.0
Ontario	153,050	28.8	...	...	187	0.1	66,766	46.5	108,736	29.3	328,739	26.9
1976												
Canada	555,021	100.0	24,987	100.0	150,217	100.0	145,663	100.0	388,091	100.0	1,263,979	100.0
Ontario	162,299	29.2	...	...	185	0.1	67,727	46.5	106,962	27.6	337,173	26.7
1977												
Canada	576,600	100.0	24,591	100.0	152,222	100.0	154,437	100.0	400,293	100.0	1,308,143	100.0
Ontario	170,572	29.6	...	...	193	0.1	71,299	46.2	133,640	33.4	375,704	28.7
1978												
Canada	630,432	100.0	25,147	0.9	155,704	100.0	157,582	100.0	433,860	100.0	1,402,725	100.0
Ontario	169,245	27.8	...	...	267	0.2	72,434	46.0	148,850	34.3	390,796	28.3

1. Including government employees' organizations.

Source: SC, *Corporations and Labour Unions Return Act, Part II – Labour Unions.*

Table 11.22
Distribution of Membership of Reporting International Labour Organizations by Affiliation, Canada and Ontario, 1970-1978

	Membership									
	AFL-CIO/CLC		AFL-CIO only		CLC only		Unaffiliated		Total Membership	
	Number	%	Number	%	Number	%	Number	%	Number	%
1970										
Canada	1,168,037	100.0	485	100.0	112,600	100.0	102,059	100.0	1,383,181	100.0
Ontario	485,834	41.6	415	85.6	100,944	89.7	52,922	51.9	640,115	46.3
1971										
Canada	1,202,108	100.0	501	100.0	108,623	100.0	103,602	100.0	1,414,834	100.0
Ontario	498,833	41.5	404	80.6	97,548	89.8	52,990	51.1	649,775	45.9
1972										
Canada	1,233,643	100.0	475	100.0	113,132	100.0	95,460	100.0	1,442,710	100.0
Ontario	508,466	41.2	392	82.6	101,333	89.6	47,850	50.1	658,041	45.6
1973										
Canada	1,281,246	100.0	466	100.0	155,531	100.0	78,928	100.0	1,516,171	100.0
Ontario	517,888	40.4	379	81.3	134,950	86.8	30,443	38.6	683,660	45.1
1974										
Canada	1,250,050	100.0	501	100.0	151,806	100.0	84,281	100.0	1,486,638	100.0
Ontario	514,925	41.2	414	82.6	130,129	85.7	31,289	37.1	676,757	45.5
1975										
Canada	1,274,888	100.0	-	-	152,427	100.0	84,517	100.0	1,511,832	100.0
Ontario	521,451	40.9	-	-	129,761	85.1	31,712	37.5	682,924	45.2
1976										
Canada	1,239,058	100.0	38,089	100.0	151,081	100.0	86,515	100.0	1,514,743	100.0
Ontario	509,336	41.1	9,758	25.6	130,341	86.3	30,697	35.5	680,132	44.9
1977										
Canada	1,257,489	100.0	9,184	100.0	159,361	100.0	87,867	100.0	1,513,901	100.0
Ontario	507,775	40.4	5,739	62.5	137,166	86.1	31,049	35.3	681,729	45.0
1978										
Canada	1,268,135	100.0	7,258	100.0	162,838	100.0	88,821	100.0	1,527,052	100.0
Ontario	509,050	40.1	4,451	61.3	140,700	86.4	31,384	35.3	685,585	44.9

Source: SC, *Corporations and Labour Unions Return Act, Part II — Labour Unions.*

Table 11.23
Distribution of Collective Agreements of All Reporting Labour Organizations, Canada and Ontario, 1968-1978

	International Unions		National Unions		Government Employees' Organizations		Total	
	Agree-ments	Locals	Agree-ments	Locals	Agree-ments	Locals	Agree-ments	Locals
1968								
Canada	12,921	5,019	4,257	2,633	84	1,992	17,262	9,644
Ontario	5,188	2,190	687	581	60	729	5,935	3,500
1969								
Canada	12,305	4,928	3,309	2,770	105	1,966	15,719	9,664
Ontario	5,048	2,165	673	580	83	722	5,804	3,467
1970								
Canada	12,582	4,886	2,641	3,040	85	2,173	15,308	10,099
Ontario	5,598	2,160	474	613	68	857	6,140	3,630
1971								
Canada	16,231	4,889	3,834	3,210	60	2,262	20,125	10,361
Ontario	7,243	2,163	744	635	33	897	8,020	3,695
1972								
Canada	14,507	4,804	3,723	3,128	61	2,451	18,291	10,383
Ontario	6,351	2,129	809	656	36	1,036	7,196	3,821
1973								
Canada	13,439	4,674	4,201	3,470	202	2,826	17,842	10,970
Ontario	5,677	2,068	856	689	147	1,114	6,680	3,871
1974								
Canada	14,005	4,388	5,010	4,089	286	3,010	19,301	11,487
Ontario	6,195	2,000	1,087	763	160	1,144	7,442	3,907
1975								
Canada	13,639	4,361	5,326	4,301	287	2,874	19,252	11,536
Ontario	5,889	1,992	1,269	863	164	976	7,322	3,831
1976								
Canada	13,656	4,282	5,684	4,476	268	2,939	19,608	11,697
Ontario	5,766	1,981	1,377	914	164	1,000	7,307	3,895
1977								
Canada	13,491	4,265	6,065	4,942	286	2,964	19,842	12,171
Ontario	5,769	1,954	1,636	1,113	163	998	7,568	4,065
1978								
Canada	13,582	4,203	6,085	5,178	330	2,952	19,997	12,333
Ontario	5,913	1,938	1,567	1,182	166	1,001	7,646	4,121

Source: SC, *Corporations and Labour Unions Return Act, Part II – Labour Unions.*

Table 11.24
Strikes and Lockouts, Ontario, 1958-1980

	Number of Strikes and Lockouts	Employees Involved		Duration of Strikes and Lockouts in Person-Days				
					Ontario			
		Number	Per Strike and Lockout	Canada	Number	As a Per-cent of Canada	Per Employee Involved	Per Cent of Estimated Working Time
1958	132	58,467	443	2,872,340	1,918,030	66.8	32.8	..
1959	104	25,540	246	2,286,900	267,730	11.7	10.5	..
1960	156	24,085	154	738,700	337,370	45.7	14.0	..
1961	166	39,817	240	1,335,080	644,770	48.3	16.2	0.14
1962	172	32,985	192	1,417,900	424,590	29.9	12.9	0.09
1963	181	37,744	209	917,140	364,190	39.7	9.6	0.07
1964	188	52,442	279	1,580,550	712,095	45.1	13.6	0.13
1965	269	92,633	344	2,349,870	1,343,001	57.2	14.5	0.24
1966	297	121,110	408	5,178,170	1,356,130	26.2	11.2	0.23
1967	228	65,563	288	3,974,760	1,542,550	38.8	23.5	0.25
1968	286	136,407	477	5,082,732	2,922,090	57.5	21.4	0.46
1969	238	130,909	550	7,751,880	5,318,770	68.6	40.6	0.80
1970	215	81,592	380	6,539,560	2,547,210	39.0	31.2	0.37
1971	205	79,726	389	2,866,590	1,366,750	47.7	17.1	0.20
1972	188	68,590	365	7,753,530	2,072,830	26.7	30.2	0.29
1973	204	108,469	532	5,776,140	1,694,210	29.3	15.6	0.22
1974	339	117,419	346	9,255,120	2,628,000	28.4	22.4	0.33
1975	359	124,773	348	10,908,810	3,175,270	29.1	25.5	0.41
1976	279	109,527	393	10,624,130	1,654,800	15.6	15.1	0.20
1977	243	83,250	343	3,420,960	1,109,039	32.4	13.3	0.13
1978	276	121,771	441	7,392,820	2,970,370	40.2	24.4	0.34
1979	308	106,629	346	7,834,230	2,529,050	32.3	23.7	0.28
1980	268	80,014	299	8,999,390	1,676,110	18.6	20.9	0.18

Source: Ministry of Labour, Research Branch, *Union Membership – Strikes and Lockouts.*

Section 12

Income

Highlights

- **Provincial Accounts** – In 1978, Ontario's Gross Provincial Product (GPP) at market prices was $88.9 billion; 1979 figures indicate a GPP of $99.6 billion at market prices, representing a 12.0 per cent increase over 1978. Of the 1979 total GPP, wages, salaries and supplementary labour income accounted for 58.5 per cent, or $58.3 billion. Corporate profits before taxes accounted for 12.5 per cent and indirect taxes less subsidies for 12.5 per cent. Ontario's personal expenditure in 1979 on consumer goods and services represented 56.9 per cent or $56.7 billion of $99.6 billion of Gross Provincial Expenditure (GPE); exports of goods and services abroad accounted for 34.5 per cent or $34.3 billion.

- **Personal Income** – In 1979, Ontario personal income per capita was $9,608, an increase of 10.1 per cent over the 1978 figure of $8,730; in Canada in 1979 the per capita income was $8,902, an increase of 10.8 per cent over the 1978 figure of $8,032. Ontario personal disposable income represented 38.8 per cent of personal disposable income in Canada in 1979.

  Preliminary 1979 figures suggest that 15.9 per cent of unattached individuals in Ontario have an annual income under $3,000; in Canada 14.6 per cent of unattached individuals were in this category. In 1979, 24.6 per cent of the unattached individuals and 74.9 per cent of the families surveyed in Ontario had an income of $15,000 and over per annum; in Canada the comparable figures were 22.3 per cent and 70.7 per cent, respectively.

  In 1979, 32.2 per cent of the families and 34.7 per cent of unattached individuals classified as being in the revised low income bracket in Canada resided in Ontario. In the same year, Ontario had 37.3 per cent of the families and 36.7 per cent of unattached individuals classified as not being in the low income bracket. In 1979, 10.5 per cent of all families and 33.0 per cent of all unattached individuals were classified as being in the low income category in Ontario.

- **Wages** – The minimum hourly wage in Ontario for general workers has risen from $1.00 as of December 27, 1965 to $3.30 as of March 31, 1981. Ontario's industrial composite for average weekly earnings in 1980 was $311.46 compared with $317.39 for Canada; average weekly earnings in manufacturing in Ontario were $347.16, compared with $342.20 for Canada; in mining, the average weekly figure for Ontario was $428.29 and $468.60 for Canada. Windsor in 1980 had an industrial composite for average weekly earnings of $343.30 and average weekly earnings of $423.59 in manufacturing; Toronto's figures were $310.66 and $335.85 respectively.

- **Taxable Income** – Of a total of $109.0 billion of taxable income for Canada in 1979, Ontario accounted for $42.7 billion, or 39.2 per cent. In 1979, Ontarians had a total tax payable of $10.5 billion, an increase of 15.4 per cent over 1978's figure and 21.9 per cent over 1977.

Definitions

Provincial Income – Net provincial income at factor cost measures the current earnings of Ontario factors of production (land, labour and capital) from productive activity. It includes wages and salaries, profits, interest, net rent and net income of farm and non-farm unincorporated business.

Gross Provincial Product (GPP) – By totalling all costs arising in production, GPP measures the market value of all final goods and services produced in the current period by Ontario factors of production. It is equal to provincial income plus net indirect taxes (indirect taxes less subsidies), plus capital consumption allowances and miscellaneous valuation adjustments.

Gross Provincial Expenditure (GPE) – GPE measures production of final goods and services at market prices, by tracing the disposition of production through final sales to persons, to governments, to business on capital account (including changes in inventories) and to non-residents (exports). Imports of goods and services, payments of interest and dividends to the rest of Canada and federal government income received from or accrued in Ontario are deducted since the purpose is to measure only Ontario production.

Industrial Composite – Represents the sum of industries included in the mail survey of the Labour Division of Statistics Canada.

Personal Income – The sum of current receipts of income whether or not these receipts represent earnings from production. It includes transfer payments from government (such as family allowances, unemployment insurance benefits and old age security payments) in addition to wages and salaries, net income of farm and non-farm unincorporated business, interest, dividends and net rental income of persons. It does not include undistributed profits of corporations and other elements of the provincial income not paid out to persons.

Taxable Income – The amount of income taxable after deducting all exemptions and allowances.

Survey of Consumer Finances (SCF) – The data shown in tables 12.7, 12.8 and 12.9 are derived from this survey which is based on a sample developed for use by the monthly Labour Force Survey. It is a multi-stage stratified clustered probability sample designed to represent all families and unattached individuals (with a few minor exceptions).

Each sampled unit is weighted by a factor that adjusts for differences in sampling ratios and non-response and which when aggregated, yields totals consistent with independent provincial estimates of families and unattached individuals, derived from the Census and other sources.

The following definitions related specifically to the data derived from the SCF.

Income – Total monetary income received before deduction for such items as income tax, unemployment insurance and pension fund contributions. It consists of wages and salaries, net income from self-employment, investment income, government transfer payments and miscellaneous other components such as retirement pensions, annuities, scholarships, alimony and the like.

Economic Family – Family, is a group of individuals sharing a common dwelling unit and related by blood, marriage or adoption. At the time of survey all relatives living together were considered to comprise one family whatever the degree of family relationship. No recall or adjustment was made to account for persons who were members of the family for part of the year and who left because of marriage, death or other reasons. Some family units existing at the time of the survey were not family units during the whole year; for example, a couple who married in the middle of that year. Aside from single sons and daughters, other relatives most commonly found living in the household were married sons and daughters and widowed parents.

Unattached Individual – A person living alone or in a household where he/she is not related to other household members.

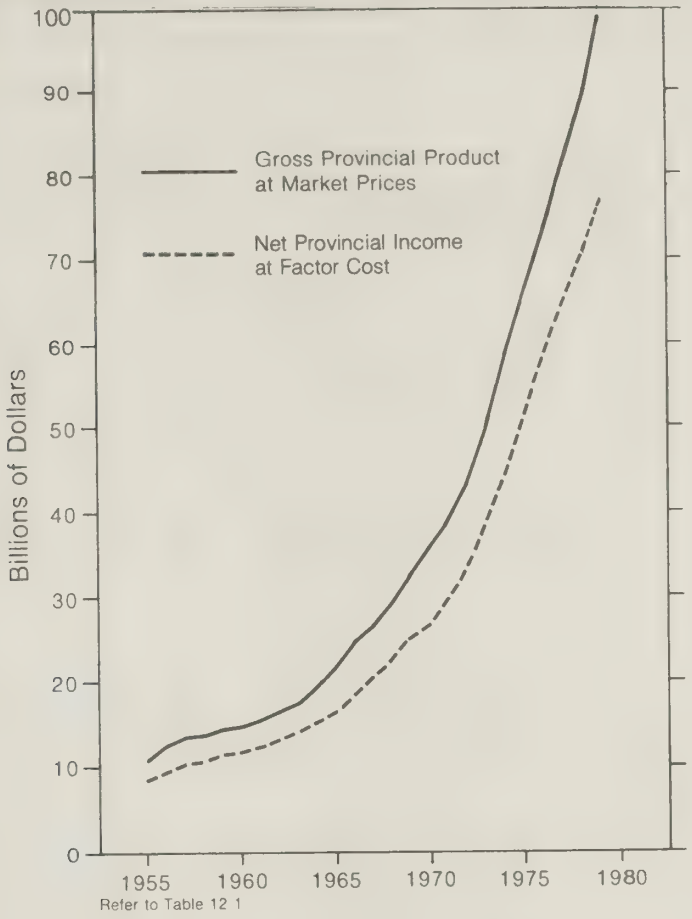
Family Unit – Designates collectively unattached individuals and families of two or more members.

Revised Cut-Offs – Following an analysis of 1969 Family Expenditure data families who spent more than 62% of their income on food, shelter and clothing were considered to be below the low income line. The actual cutoff limits for 1969 were determined for different size of area residence and family size combinations using a regression technique. These 1969 cutoffs are adjusted annually by a factor corresponding to the annual rate of change in the Consumer Price Index.

Average Income – $\text{Average Income} = \dfrac{\text{Aggregate total income}}{\text{Estimated number of families in the category.}}$

Graph 12.A

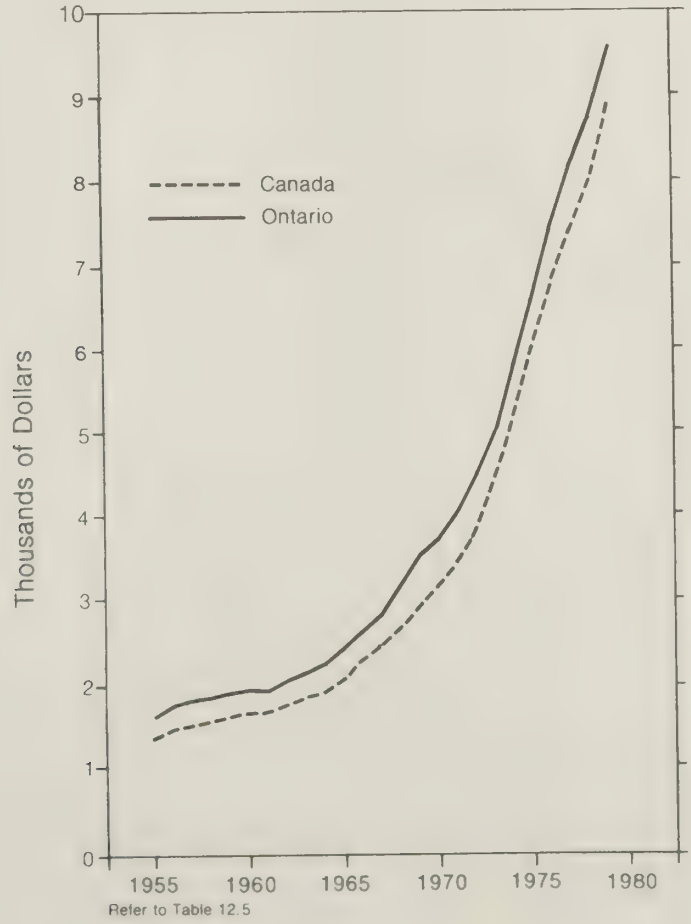
Provincial Income and Gross Provincial Product, Ontario, 1955-1979



Refer to Table 12.1

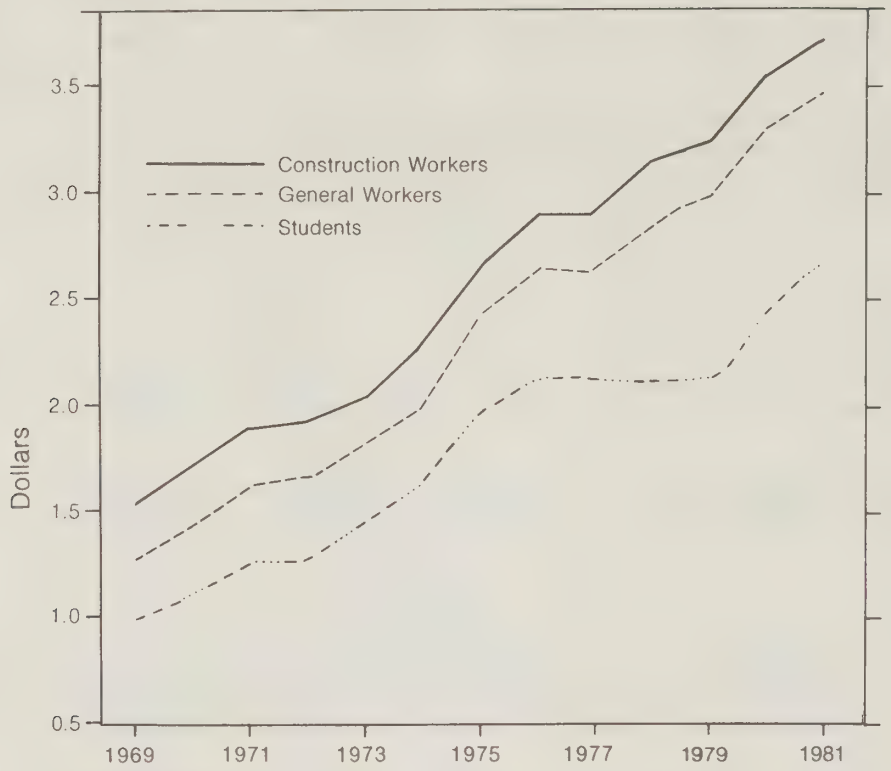
Graph 12.B

Personal Income per Person, Canada and Ontario, 1955-1979



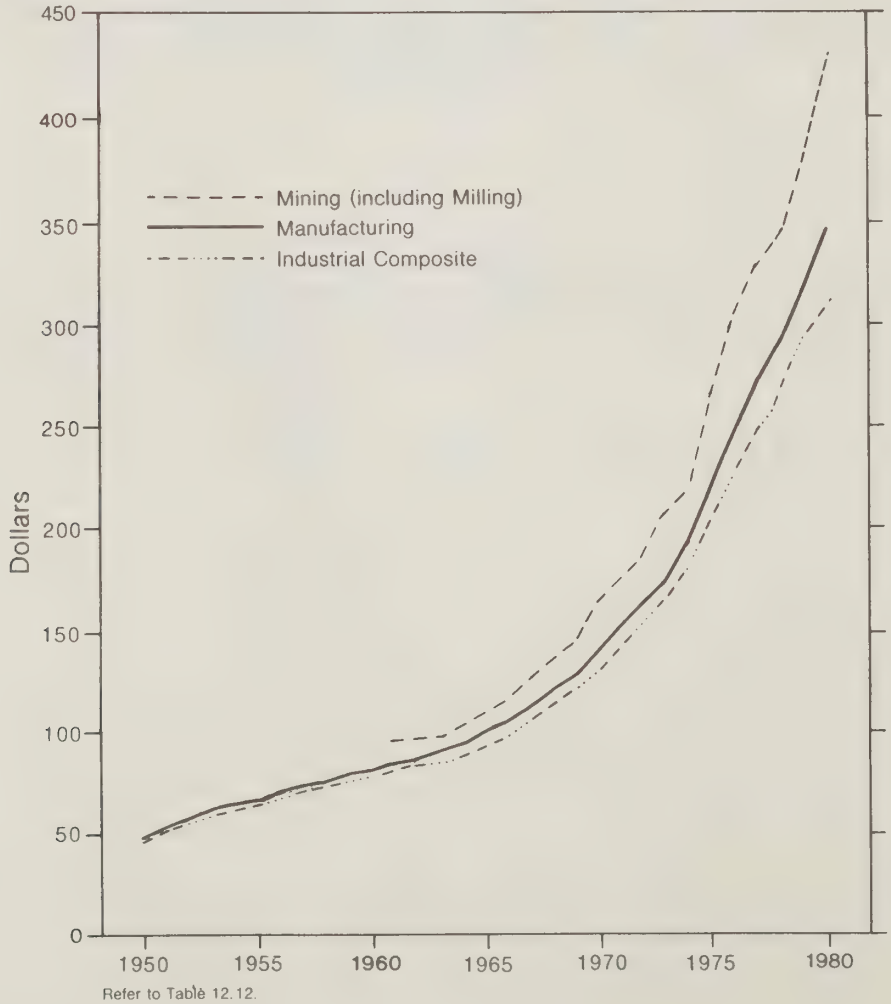
Refer to Table 12.5

Graph 12.C
Minimum Hourly Wages, Ontario, 1969-1981



Refer to Table 12.10.

Graph 12.D
Average Weekly Earnings, Industrial Composite Manufacturing and Mining, Ontario, 1950-1980



Refer to Table 12.12.

Table 12.1

Provincial Income and Gross Provincial Product, Ontario, 1972-1979

	1972[r]	1973[r]	1974[r]	1975[r]	1976[r]	1977[r]	1978[r]	1979
					$ Million			
1. Wages, salaries and supplementary labour income	24,888	28,536	33,619	38,443	44,163	48,684	52,986	58,259
2. Military pay and allowances	314	342	375	408	447	469	472	477
3. Corporate profits before taxes	4,602	6,241	8,300	7,405	7,456	7,449	8,839	12,412
4. *Deduct:* Dividends paid to non-residents	−746	−935	−1,233	−1,114	−967	−1,153	−1,347	−1,568
5. Interest and miscellaneous investment income	1,862	2,182	2,760	2,786	3,451	4,212	4,881	5,875
6. Accrued net income of farm operators from farm productions	441	590	735	879	696	777	695	917
7. Net income of non-farm unincorporated business including rent	2,547	2,711	2,785	3,038	3,258	3,466	3,617	3,874
8. Inventory valuation adjustment	−395	−1,019	−2,023	−1,368	−890	−1,489	−1,928	−3,082
9. *Net Provincial Income at Factor Cost*	33,513	38,648	45,318	50,477	57,614	62,415	68,215	77,164
10. Indirect taxes less subsidies	6,037	6,872	7,880	7,731	9,387	10,442	11,082	12,446
11. Capital consumption allowances and miscellaneous valuation adjustments	4,152	4,826	5,752	6,527	7,350	8,142	8,789	9,663
12. Residual error of estimate	−86	+76	+280	−67	−630	+245	+852	+355
13. *Gross Provincial Product at Market Prices*	43,616	50,422	59,230	64,802	73,721	81,244	88,938	99,628

Source: Ministry of Treasury and Economics, Central Statistical Services.
SC, *Provincial Economic Accounts*, (13-213).

Table 12.2
Gross Provincial Expenditure, Ontario, 1972-1979

	1972[r]	1973[r]	1974[r]	1975[r]	1976[r]	1977[r]	1978[r]	1979
				$ Million				
1. Personal expenditure on consumer goods and services	25,070	28,421	32,891	37,610	42,521	46,742	51,528	56,670
2. Government expenditure on goods and services	6,985	7,558	8,997	10,804	11,826	13,117	14,456	15,403
a) Current expenditure	5,833	6,389	7,521	9,196	10,301	11,513	12,773	13,676
b) Capital expenditure	1,152	1,169	1,476	1,608	1,525	1,604	1,683	1,727
3. Business gross fixed capital formation	7,345	8,982	10,783	11,990	12,766	13,670	14,490	15,829
a) New residential and non-residential construction	4,626	5,551	6,586	7,099	7,681	8,166	8,360	8,798
b) New machinery and equipment	2,719	3,431	4,197	4,891	5,085	5,504	6,130	7,031
4. Value of physical change in inventories	470	671	1,714	−205	392	414	−14	2,027
a) Non-farm business inventories	491	637	1,681	−307	469	392	39	1,869
b) Farm inventories and grain in commercial channels	−21	34	33	102	−77	22	−53	158
5. Exports of goods and services abroad	11,627	14,314	17,011	17,552	20,523	24,493	29,278	34,324
6. *Deduct:* Imports of goods and services from abroad	−10,213	−12,100	−14,917	−16,323	−18,549	−21,055	−23,954	−28,241
7. Exports of labour services to federal government	2,607	3,024	3,530	4,005	4,394	4,946	4,869	5,017
8. *Deduct:* Federal government investment income received from or accrued in Ontario	−467	−553	−660	−801	−923	−1,038	−1,201	−1,382
9. Dividends received from R.O.C.[1]	433	622	718	684	473	613	797	877
10. *Deduct:* Dividends paid to R.O.C.[1]	−328	−441	−557	−448	−332	−413	−459	−542
11. Residual error of estimate	+87	−76	−280	−67	+630	−245	−852	−354
12. *Gross Provincial Expenditure at Market Prices*	43,616	50,422	59,230	64,802	73,721	81,244	88,938	99,628

1) R.O.C. = rest of Canada.

Source: Ministry of Treasury and Economics, Central Statistical Services.
SC, *Provincial Economic Accounts* (13-213).

Table 12.3
Summary of Personal Income, Canada and Ontario, 1950-1979

	Canada			Ontario			Ontario as % of Canada		
	Personal Income		Personal Disposable Income	Personal Income		Personal Disposable Income			
	Amount $ Million	Per Capita $	$ Million	Amount $ Million	Per Capita $	$ Million	Personal Income	Personal Disposable Income	Transfers to Government[1]
1950	14,262	1,040	13,285	5,638	1,261	5,208	39.5	39.2	44.0
1951	16,791	1,199	15,435	6,521	1,418	5,916	38.8	38.3	44.6
1952	18,592	1,286	16,922	7,207	1,505	6,467	38.8	38.2	44.3
1953	19,550	1,317	17,718	7,681	1,555	6,860	39.3	38.7	44.8
1954	19,717	1,290	17,868	7,930	1,550	7,090	40.2	39.7	45.4
1955	21,265	1,355	19,331	8,525	1,619	7,644	40.1	39.5	45.6
1956	23,531	1,463	21,307	9,320	1,724	8,273	39.6	38.8	47.1
1957	25,170	1,515	22,714	10,211	1,812	9,066	40.6	39.9	46.6
1958	26,651	1,560	24,313	10,802	1,856	9,745	40.5	40.1	45.2
1959	28,108	1,608	25,440	11,406	1,911	10,167	40.6	40.0	46.4
1960	29,595	1,656	26,567	11,923	1,951	10,529	40.3	39.6	46.0
1961	30,104	1,651	26,904	12,187	1,954	10,720	40.5	39.8	45.8
1962	32,788	1,764	29,340	13,098	2,062	11,533	39.9	39.3	45.4
1963	34,829	1,840	31,168	13,976	2,156	12,320	40.1	39.5	45.2
1964	37,282	1,933	33,049	15,030	2,267	13,106	40.3	39.7	45.5
1965	41,071	2,091	36,263	16,537	2,436	14,301	40.3	39.4	46.5
1966	46,094	2,303	39,901	18,655	2,680	15,850	40.5	39.7	45.3
1967	50,579	2,482	43,123	20,553	2,884	17,233	40.6	40.0	44.5
1968	55,677	2,690	46,820	22,844	3,146	18,855	41.0	40.3	45.0
1969	61,804	2,943	50,911	25,629	3,470	20,696	41.5	40.7	45.3
1970	66,633	3,129	54,009	27,974	3,705	22,189	42.0	41.1	45.8
1971	74,092	3,435	59,943	30,966	4,020	24,567	41.8	41.0	45.2
1972	83,767	3,842	68,100	34,822	4,459	27,893	41.6	41.0	44.2
1973	97,832	4,438	79,719	39,884	5,043	32,104	40.8	40.3	43.0
1974	116,867	5,226	94,545	47,060	5,843	37,853	40.3	40.0	41.2
1975	136,205	6,001	110,996	53,902	6,596	43,770	39.6	39.4	40.2
1976[r]	155,343	6,756	125,510	60,959	7,376	49,126	39.2	39.1	39.7
1977[r]	170,986	7,352	138,204	67,164	8,039	54,558	39.3	39.5	38.5
1978[r]	188,552	8,032	153,867	73,714	8,730	60,463	39.1	39.3	38.2
1979	210,728	8,902	172,478	81,698	9,608	66,957	38.8	38.8	38.5

1) Personal direct taxes and other current transfers to government obtained by subtracting personal disposable income from personal income.

Source: SC, *National Income and Expenditure Accounts, (13-201)*

Table 12.4
Personal Income[1], by Province, Canada[2], 1951-1979

	Canada	Ontario	Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon & Northwest Territories	Foreign Countries[3]
							$ Million						
1951	16,791	6,521	209	64	533	415	4,085	938	1,069	1,250	1,665	26	16
1952	18,592	7,207	229	78	604	438	4,558	1,006	1,213	1,344	1,863	31	21
1953	19,550	7,681	256	65	637	447	4,862	1,012	1,138	1,417	1,976	34	25
1954	19,717	7,930	272	69	664	468	5,029	1,002	824	1,346	2,050	39	24
1955	21,265	8,525	292	67	683	489	5,296	1,073	1,058	1,475	2,242	43	22
1956	23,531	9,320	325	85	732	534	5,840	1,206	1,205	1,719	2,482	59	24
1957	25,170	10,211	350	77	785	556	6,363	1,223	1,037	1,749	2,728	59	32
1958	26,651	10,802	361	83	820	585	6,655	1,352	1,156	1,958	2,786	59	34
1959	28,108	11,406	383	96	874	626	7,005	1,419	1,200	2,039	2,948	61	51
1960	29,595	11,923	412	97	920	664	7,422	1,492	1,352	2,134	3,058	63	58
1961	30,104	12,187	440	102	946	671	7,828	1,436	1,084	2,199	3,091	59	61
1962	32,788	13,098	462	114	995	707	8,446	1,611	1,529	2,411	3,279	62	74
1963	34,829	13,976	493	116	1,043	751	8,933	1,647	1,686	2,535	3,509	67	73
1964	37,282	15,030	531	128	1,108	809	9,742	1,775	1,539	2,652	3,822	70	76
1965	41,071	16,537	604	137	1,181	880	10,685	1,892	1,789	2,941	4,271	69	85
1966	46,094	18,655	680	151	1,302	979	11,880	2,039	2,047	3,374	4,817	80	90
1967	50,579	20,553	755	168	1,446	1,067	13,175	2,280	1,932	3,665	5,348	90	100
1968	55,677	22,844	837	189	1,580	1,183	14,193	2,523	2,187	4,111	5,837	104	89
1969	61,804	25,629	923	205	1,766	1,295	15,565	2,704	2,269	4,589	6,645	122	92
1970	66,633	27,974	1,025	229	1,895	1,412	16,682	2,857	2,133	4,953	7,245	148	80
1971	74,092	30,966	1,143	243	2,100	1,576	18,369	3,192	2,555	5,534	8,182	158	74
1972	83,767	34,822	1,301	287	2,436	1,810	20,823	3,564	2,767	6,267	9,417	193	80
1973	97,832	39,884	1,526	355	2,850	2,105	24,067	4,244	3,673	7,471	11,331	235	91
1974	116,867	47,060	1,903	400	3,375	2,539	28,980	4,985	4,519	9,019	13,687	293	107
1975	136,205	53,902	2,259	493	3,894	3,080	33,801	5,865	5,660	10,991	15,787	346	127
1976[r]	155,343	60,959	2,582	547	4,416	3,460	39,204	6,473	6,199	12,783	18,187	398	135
1977[r]	170,986	67,164	2,838	597	4,902	3,782	42,996	7,009	6,318	14,511	20,272	452	145
1978[r]	188,552	73,714	3,039	685	5,452	4,145	47,238	7,673	6,989	16,551	22,418	494	154
1979	210,728	81,698	3,365	745	6,011	4,537	52,412	8,460	7,993	19,551	25,240	557	159

1) In current dollars.
2) Geographical distributions of only the main components of personal income are given, therefore, the provincial totals will not add to the Canadian total.
3) Income of Canadians temporarily abroad, including pay and allowances of Canadian Armed Forces abroad.

Source: Cansim, *Personal Income, Geographical Distribution, (13-201)*

Table 12.5

Personal Income[1] per Person, by Province, Canada, 1951-1979

	Canada	Ontario	Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon & Northwest Territories
							$					
1951	1,199	1,418	579	653	829	804	1,007	1,209	1,285	1,331	1,429	1,040
1952	1,286	1,505	612	780	925	833	1,092	1,261	1,439	1,387	1,546	1,240
1953	1,317	1,555	668	644	961	839	1,139	1,251	1,322	1,400	1,583	1,360
1954	1,290	1,550	689	683	987	867	1,146	1,217	944	1,273	1,583	1,444
1955	1,355	1,619	719	670	1,000	894	1,172	1,279	1,205	1,352	1,671	1,483
1956	1,463	1,724	783	859	1,053	962	1,262	1,419	1,368	1,531	1,774	1,903
1957	1,515	1,812	825	778	1,120	989	1,334	1,419	1,178	1,503	1,841	1,903
1958	1,560	1,856	836	830	1,157	1,025	1,357	1,545	1,297	1,624	1,811	1,788
1959	1,608	1,911	868	951	1,216	1,076	1,394	1,593	1,323	1,634	1,881	1,794
1960	1,656	1,951	920	942	1,265	1,127	1,443	1,647	1,478	1,653	1,909	1,750
1961	1,651	1,954	961	971	1,284	1,122	1,488	1,557	1,172	1,651	1,897	1,595
1962	1,764	2,062	987	1,065	1,334	1,169	1,573	1,721	1,644	1,761	1,975	1,550
1963	1,840	2,156	1,036	1,074	1,389	1,233	1,630	1,736	1,807	1,807	2,065	1,634
1964	1,933	2,267	1,099	1,174	1,468	1,324	1,745	1,851	1,634	1,856	2,190	1,667
1965	2,091	2,436	1,238	1,257	1,562	1,431	1,880	1,961	1,883	2,028	2,377	1,683
1966	2,303	2,680	1,379	1,385	1,722	1,587	2,055	2,117	2,143	2,306	2,570	1,860
1967	2,482	2,884	1,513	1,541	1,903	1,721	2,247	2,368	2,019	2,460	2,750	2,045
1968	2,690	3,146	1,654	1,718	2,060	1,893	2,394	2,598	2,278	2,698	2,914	2,311
1969	2,943	3,470	1,796	1,847	2,279	2,062	2,601	2,762	2,368	2,944	3,226	2,596
1970	3,129	3,705	1,983	2,082	2,423	2,252	2,774	2,906	2,267	3,105	3,405	2,960
1971	3,435	4,020	2,190	2,189	2,662	2,482	3,047	3,231	2,759	3,399	3,745	2,981
1972	3,842	4,459	2,455	2,540	3,064	2,828	3,440	3,596	3,027	3,782	4,202	3,386
1973	4,438	5,043	2,842	3,114	3,545	3,253	3,959	4,261	4,059	4,421	4,922	3,917
1974	5,226	5,843	3,518	3,478	4,156	3,882	4,733	4,950	5,021	5,238	5,761	4,883
1975	6,001	6,596	4,115	4,214	4,749	4,632	5,470	5,784	6,240	6,182	6,489	5,492
1976[r]	6,756	7,376	4,627	4,636	5,327	5,111	6,288	6,334	6,731	6,955	7,372	6,219
1977[r]	7,352	8,039	5,032	4,975	5,871	5,505	6,851	6,811	6,743	7,649	8,128	7,063
1978[r]	8,032	8,730	5,341	5,615	6,483	5,964	7,530	7,421	7,372	8,470	8,861	7,600
1979	8,902	9,608	5,862	6,057	7,088	6,472	8,341	8,198	8,335	9,717	9,821	8,569

1) In current dollars.

Source: Cansim, *Personal Income Per Person, Geographical Distribution, (13-201).*

Table 12.6
Personal Disposable Income[1], by Province, Canada, 1951-1979

	Canada	Ontario	New found-land	Prince Edward Island	Nova Scotia	New Bruns-wick	Québec	Mani-toba	Saskat-chewan	Alberta	British Colum-bia	Yukon & North-west Terr.	Foreign Coun-tries[2]
							$ Million						
1951	15,435	5,916	196	61	498	390	3,778	876	1,020	1,165	1,498	24	13
1952	16,922	6,467	210	74	559	407	4,185	932	1,142	1,233	1,666	29	18
1953	17,718	6,860	233	62	584	413	4,463	931	1,061	1,297	1,763	30	21
1954	17,868	7,090	250	66	610	431	4,628	919	754	1,227	1,838	35	20
1955	19,331	7,644	269	64	634	456	4,825	987	986	1,358	2,051	39	18
1956	21,307	8,273	298	81	674	495	5,325	1,107	1,141	1,584	2,254	55	20
1957	22,714	9,066	322	73	724	515	5,777	1,118	965	1,594	2,478	55	27
1958	24,313	9,745	338	79	753	531	6,139	1,246	1,071	1,793	2,536	53	29
1959	25,440	10,167	356	92	804	567	6,432	1,289	1,106	1,861	2,667	56	43
1960	26,567	10,529	380	90	832	600	6,751	1,349	1,251	1,940	2,740	56	49
1961	26,904	10,720	405	96	862	612	7,083	1,286	975	1,994	2,767	52	52
1962	29,340	11,533	424	106	908	646	7,633	1,451	1,403	2,188	2,930	55	63
1963	31,168	12,320	453	107	948	683	8,072	1,482	1,550	2,299	3,132	60	62
1964	33,049	13,106	487	120	1,000	735	8,727	1,588	1,385	2,386	3,390	62	63
1965	36,263	14,301	555	125	1,057	791	9,603	1,691	1,609	2,642	3,759	60	70
1966	39,901	15,850	615	136	1,142	864	10,419	1,785	1,819	2,984	4,149	68	70
1967	43,123	17,233	677	150	1,247	934	11,382	1,971	1,666	3,171	4,540	71	81
1968	46,820	18,855	740	167	1,354	1,030	12,077	2,166	1,897	3,515	4,867	85	67
1969	50,911	20,696	806	179	1,489	1,107	13,028	2,245	1,949	3,833	5,414	94	71
1970	54,009	22,189	888	201	1,572	1,187	13,760	2,342	1,789	4,042	5,861	118	60
1971	59,943	24,567	988	211	1,750	1,322	15,002	2,624	2,201	4,505	6,593	122	58
1972	68,100	27,893	1,117	249	2,017	1,522	16,990	2,949	2,378	5,121	7,652	150	62
1973	79,719	32,104	1,311	310	2,359	1,779	19,513	3,590	3,175	6,129	9,198	183	68
1974	94,545	37,853	1,609	341	2,760	2,101	23,305	4,162	3,822	7,289	11,000	227	76
1975	110,996	43,770	1,912	423	3,197	2,577	27,285	4,955	4,802	8,961	12,757	269	88
1976[r]	125,510	49,126	2,158	464	3,613	2,864	31,392	5,400	5,194	10,278	14,612	313	96
1977[r]	138,204	54,558	2,374	507	4,038	3,140	33,825	5,907	5,263	11,714	16,423	350	105
1978[r]	153,867	60,463	2,551	589	4,553	3,482	37,439	6,592	5,918	13,521	18,249	393	117
1979	172,478	66,957	2,843	638	5,040	3,816	41,638	7,269	6,874	16,165	20,673	438	127

1) Personal disposable income consists of total personal income less personal direct taxes and other current transfers to government from persons. The figures are in current dollars.
2) Taxes and other transfers paid by Canadians temporarily abroad, with the exception of employer and employee contributions to public service pensions from the year 1951 on, cannot be estimated separately and are included in the provincial estimates.

Source: Cansim, *Personal Disposable Income, Geographical Distribution, (13-201).*

Table 12.7
Percentage Distribution of Low Income Families and Unattached Individuals and of Other Families and Unattached Individuals, by Region, 1975-1979

	Ontario	Atlantic Provinces	Québec	Prairie Provinces	British Columbia
			Per cent		
1975					
Families					
Low Income	30.3	11.3	30.2	18.7	9.4
Other	38.0	8.5	26.4	15.7	11.5
Unattached Individuals					
Low Income	31.8	8.0	30.3	16.5	13.3
Other	39.2	6.0	22.7	17.3	14.8
1976[r]					
Families					
Low Income	32.0	11.0	29.5	16.8	10.6
Other	37.5	8.5	26.9	16.3	10.8
Unattached Individuals					
Low Income	34.0	8.2	27.6	19.0	11.2
Other	36.9	6.7	21.3	18.9	16.3
1977[r]					
Families					
Low Income	32.1	10.7	30.4	16.8	10.0
Other	37.5	8.6	26.6	16.4	10.9
Unattached Individuals					
Low Income	33.3	8.8	26.2	18.2	13.5
Other	37.4	6.2	22.3	19.2	14.9
1978[r]					
Families					
Low Income	31.4	12.4	31.1	16.4	8.8
Other	37.3	8.4	26.4	16.6	11.2
Unattached Individuals					
Low Income	36.1	8.5	24.4	18.0	13.0
Other	36.1	6.4	22.9	19.5	15.1
1979[p]					
Families					
Low Income	32.2	11.3	30.1	17.7	8.7
Other	37.3	8.5	26.4	16.6	11.2
Unattached Individuals					
Low Income	34.7	8.2	28.0	16.9	12.1
Other	36.7	6.6	21.2	20.0	15.5

1) Based on Revised Low Income Cut-offs. See definitions.

Source: SC, *Income Distributions by Size in Canada*, (13-207).
Income Distributions by Size in Canada, Preliminary Estimates, 1979, (13-206).

Table 12.8
Incidence of Low Income Among Families and Unattached Individuals, by Region, 1975-1979[1]

	Ontario	Atlantic Provinces	Québec	Prairie Provinces	British Columbia
			Per cent		
1975					
Families	9.6	15.1	13.3	13.7	9.9
Unattached Individuals	33.3	45.2	45.1	37.0	35.6
1976[r]					
Families	9.7	14.0	12.1	11.5	11.0
Unattached Individuals	32.5	38.9	40.4	34.4	26.4
1977[r]					
Families	9.8	13.6	12.7	11.5	10.4
Unattached Individuals	34.1	45.2	40.6	35.5	34.5
1978[r]					
Families	8.8	14.5	12.0	10.2	8.3
Unattached Individuals	34.9	41.8	36.4	33.2	31.6
1979[p]					
Families	10.5	15.3	13.4	12.6	9.5
Unattached Individuals	33.0	39.4	40.8	30.6	29.1

1) Based on Revised Low Income Cut-offs. See definitions.

Source: SC, *Income Distributions by Size in Canada*, (13,207).
Income Distributions by Size in Canada, Preliminary Estimates, 1979, (13-206).

Table 12.9

Percentage Distribution of Families and Unattached Individuals by Income Group, Canada and Ontario, Selected Years, 1975-1979

	1975		1976		1977		1978[r]		1979[p]	
	Unattached Individuals	Families	Unattached Individuals	Families	Unattached Individuals	Families	Unattached Individuals	Families	Unattached Individuals	Families
					Per Cent					
Canada										
Under $3,000	31.6	2.8	24.6	1.9	22.1	2.3	15.9	1.4	14.6	2.2
$ 3,000-$ 4,999	17.5	5.6	20.3	4.8	21.1	3.9	24.0	3.0	22.1	2.5
5,000- 6,999	12.4	7.6	12.0	7.0	9.6	5.8	10.3	5.3	8.8	4.7
7,000- 8,999	11.4	6.9	9.6	6.5	10.3	5.6	9.4	5.4	8.6	5.5
9,000- 10,999	12.2	7.8	13.9	6.5	12.5	5.4	12.8	4.9	12.6	4.7
11,000- 11,999		4.7		3.4		2.9		2.5		2.4
12,000- 12,999	7.4	4.8	8.6	3.7	9.9	3.2	8.7	2.7	11.0	2.4
13,000- 13,999		4.8		3.6		3.7		2.9		2.6
14,000- 14,999		4.9		4.1		3.5		3.2		2.4
15,000- 15,999	7.3	9.3	10.9[r]	4.0	14.4	3.7	18.8	3.3	22.3	3.0
16,000- 16,999				4.8		4.0		3.1		2.8
17,000- 17,999		11.8		3.8		3.9		3.6		2.9
18,000- 19,999				7.6		7.6		7.0		6.2
20,000- 21,999		14.2		7.0		7.3		7.3		6.5
22,000- 24,999				8.6		8.8		9.7		9.6
25,000- 29,999				9.9		11.7		12.4		13.3
30,000- 34,999		15.0		5.4		7.0		8.6		9.7
35,000 and Over				7.4		9.8		13.7		16.7
Average Income	6,595	16,613	7,621[r]	19,010[r]	8,254	20,101	9,159	22,397	10,110	23,408
Median Income	5,127	15,065	5,795[r]	16,960[r]	6,356	18,565	6,979	20,463	8,078	21,798
No. of Records	6,135	20,458	2,833	9,901	9,170	27,975	3,522	10,661	5,795	16,463

Table 12.9 (cont'd.)

Percentage Distribution of Families and Unattached Individuals by Income Group, Canada and Ontario, Selected Years, 1975-1979

	1975		1976		1977		1978[r]		1979[p]	
	Unattached individuals	Families	Unattached Individuals	Families	Unattached Individuals	Families	Unattached Individuals	Families	Unattached Individuals	Families
					Per Cent					
Ontario										
Under $3,000	27.4	2.1	22.9	1.8	20.2	1.9	17.0	1.2	15.9	1.9
$ 3,000-$ 4,999	17.8	4.6	18.6	4.6	19.5	3.5	22.0	2.7	18.6	2.3
5,000- 6,999	12.1	6.1	11.7	5.5	9.6	4.2	10.0	4.7	8.0	3.9
7,000- 8,999	13.0	5.5	9.0	6.1	9.6	4.7	8.3	4.0	8.7	5.0
9,000- 10,999	13.5	6.3	15.2	5.8	12.4	4.5	11.5	4.1	12.7	3.5
11,000- 11,999		4.0		2.9		2.3		2.2		2.2
12,000- 12,999	7.8	4.3	10.5	3.0[r]	11.5	2.8	8.3	2.0	11.7	1.9
13,000- 13,999		4.9		3.4		3.3		2.9		2.3
14,000- 14,999		4.7		3.7		3.5		3.4		1.9
15,000- 15,999		9.4		3.3		3.8		3.1		2.3
16,000- 16,999				5.7		4.1		2.7		2.6
17,000- 17,999	8.4	13.9	12.2[r]	3.7	17.0	4.0	22.6	3.4	24.6	2.6
18,000- 19,999				7.8		8.1		7.6		6.0
20,000- 21,999		17.1[r]		7.4		7.6		7.3		5.9
22,000- 24,999				9.6		9.0		10.7		10.7
25,000- 29,999		18.0		11.8		12.6		13.3		15.0
30,000- 34,999				5.9		8.1		8.7		10.2
35,000 and over				8.0		12.1		15.9		19.6
Average Income	7,029	18,047	8,181[r]	20,128[r]	8,738	21,600	9,628	23,748	10,623	24,882
Median Income	5,763	16,588	6,395[r]	18,115	7,115	19,847	7,184	21,639	8,776	23,568
No. of Records	1,476	5,092	879	2,785	1,759	5,449	1,012	3,005	1,189	3,398

Source: SC, *Income Distributions by Size in Canada, (13-207)*

Income Distributions by Size in Canada, Preliminary Estimates, 1979, (13-206)

Table 12.10
Minimum Hourly Wages, Ontario, 1965-1981

		General Workers	Construction Workers	Students
			$	
1965[1]	(December 27)	1.00	1.25	.80
1969	(January 1)	1.30	1.55	1.00
1970	(October 1)	1.50	1.75	1.15
1971	(April 1)	1.65	1.90	1.30
1973	(February 1)	1.80	2.05	1.45[2]
1974	(January 1)	2.00	2.25	1.65
	(October 1)	2.25	2.50	1.90
1975	(May 1)	2.40	2.65	2.00
1976	(March 15)	2.65	2.90	2.15
1978	(August 1)	2.85	3.15	2.15
1979	(January 1)	3.00	3.25	2.15
1981	(March 31)	3.30	3.55	2.45
	(October 1)	3.50	3.75	2.65

1) Zones and sex in regard to minimum wage were eliminated as of December 27, 1965.
2) Since February 1, 1973, the student minimum wage has applied only to students under 18 years of age; there was no age restriction prior to this date.

Source: Ministry of Labour, Research Branch.

Table 12.11
Average Weekly Earnings by Industry, Ontario, 1962-1980

	Industrial Composite	Forestry	Mining, including Milling	Manufacturing	Construction	Transp., Communication and other Utilities	Trade	Finance, Insurance, and Real Estate	Service
					Annual Averages ($)				
1962	83.65	95.36	97.40	88.47	91.25	88.49[r]	68.06	76.79	61.38
1963	86.22	93.10	99.36	91.70	96.38	92.12[r]	70.16	79.13	62.92
1964	89.82	98.65	102.55	95.48	101.74	96.02[r]	72.08	83.34	65.34
1965	94.41	101.30	108.08	100.18	112.18	102.01	74.24	90.98	68.52
1966	99.40	109.86	115.35	104.95	123.34	106.15[r]	78.61	95.97	72.28
1967	105.86	123.90	127.89	111.35	132.14	116.55[r]	82.94	102.01	77.56
1968	113.54	124.97	138.67	120.00	142.42	127.05	87.85	109.36	82.63
1969	121.56	139.89	148.24	129.15	155.31	137.68	94.05	117.33	87.62
1970	131.52	146.83	166.40	140.13	175.00	148.46	100.84	124.49	94.70
1971	143.04	168.54	177.52	152.14	197.66	161.06	110.25	134.26	103.51
1972	154.92	193.37	188.98	165.18	222.43	175.93	118.68	145.54	112.15
1973	165.70	221.66	206.58	176.98	236.87	188.78	126.21	159.64	120.66
1974	181.43	242.37	229.12	193.52	258.68	210.48	138.32	177.21	130.84[r]
1975	204.85	281.02	265.82	220.23	286.29	241.32	155.64	197.64	147.96
1976	228.72	318.30	303.38	249.12	318.91	267.62	170.95	216.77	163.47
1977	249.46	358.40	329.32	273.73	353.32	292.76	184.94	233.80	174.49
1978[r]	264.04	345.69	348.31	293.11	373.96	314.72	195.90	252.37	181.12
1979	285.57	378.47	383.34	318.28	405.68	342.64	211.42	274.96	193.82
1980	311.46	409.65	428.29	347.16	445.39	380.32	228.51	305.88	210.06

Source: SC, *Employment, Earnings and Hours.*

Table 12.12
Average Weekly Earnings, Industrial Composite, Manufacturing and Mining, Canada and Ontario, 1950-1980

	Industrial Composite		Manufacturing		Mining (including Milling)	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
			$			
1950	45.08	46.58	46.49	48.40	54.27	..
1951	50.04	51.69	51.68	53.80	60.33	..
1952	54.41	56.36	56.36	59.04	65.79	..
1953	57.53	59.66	59.29	62.31	68.91	..
1954	59.04	61.36	61.15	64.25	70.67	..
1955	61.05	63.55	63.48	66.70	73.53	..
1956	64.44	66.86	66.71	70.11	78.01	..
1957	67.90	70.63	70.27	73.79	83.58	..
1958	70.35	73.21	73.10	76.65	86.14	..
1959	73.40	76.48	76.51	80.38	90.41	..
1960	75.76	78.74	78.88	82.81	93.19	..
1961[1]	78.24	81.30	81.55	85.77	95.57	96.91
1962	80.54	83.65	84.00	88.47	98.53	97.40
1963	83.27	86.22	86.90	91.70	101.96	99.36
1964	86.51	89.82	90.42	95.48	105.73	102.55
1965	91.01	94.41	94.78	100.18	111.53	108.08
1966	96.34	99.40	100.16	104.95	119.51	115.35
1967	102.83	105.86	106.54	111.35	129.81	127.89
1968	109.90	113.54	114.44	120.00	139.16	138.67
1969	117.83[r]	121.56	122.97	129.15	148.93	148.24
1970	126.78[r]	131.52	132.75	140.13	164.70	166.40
1971	137.64	143.04	143.99	152.14	177.00	177.52
1972	149.22	154.92	156.10	165.18	190.29	188.98
1973	160.46	165.70[r]	167.48	176.98	211.42	206.58
1974	178.09	181.43	185.62	193.52	238.97	229.12
1975	203.34	204.85	213.43	220.23	280.44	265.82
1976	228.03	228.72	241.19	249.12	317.13	303.38
1977	249.95	249.46	266.04	273.73	348.12	329.32
1978[r]	265.37	264.04	285.67	293.11	376.40	348.31
1979	288.25	285.57	311.19	318.28	419.39	383.34
1980	317.39	311.46	342.20	347.16	468.60	428.29

1. Statistics from 1961 onward are based on the 1960 Standard Industrial Classification and are not comparable with earlier data.

Source: SC, *Employment, Earnings and Hours*.

Table 12.13
Average Weekly Earnings, Industrial Composite and Manufacturing, by Selected Urban Area, Ontario, 1969-1980

	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978[r]	1979	1980
							$					
Toronto												
Industrial Composite	123.09	133.67	144.88	156.51	166.81	182.36	206.09	228.10	247.52	262.31	283.69	310.66
Manufacturing	129.34	139.63	151.46	163.69	173.84	190.03	216.66	242.02	263.97	282.15	307.59	335.85
Hamilton												
Industrial Composite	123.06	135.49	147.65	159.90	170.85	186.42	211.42	237.95	257.83	276.05	300.66	324.07
Manufacturing	136.31	149.82	161.87	177.20	190.37	206.49	237.56	270.88	295.22	320.19	348.58	378.24
Kingston												
Industrial Composite	115.28	121.24	132.28	143.00	152.94	169.44	190.52	212.85	229.39	240.09	258.75	280.06
Manufacturing	134.29	143.00	158.45	169.98	181.88	204.22	232.48	264.61	287.58	308.68	329.47	366.74
London												
Industrial Composite	113.27	121.41	132.56	144.42	154.86	171.57	193.92	213.28	229.99	244.97	265.13	288.12
Manufacturing	122.12	132.06	144.28	155.78	167.76	187.57	215.43	236.51	257.34[r]	281.55	311.14	339.98
Ottawa-Hull												
Industrial Composite	110.36	119.17	130.21	142.46	151.09	165.13	186.07	208.62	225.28	239.64	259.89	284.17
Manufacturing	133.10	144.10	152.12	163.13	172.76	190.04	218.03	244.58	269.04	290.47	319.54	355.54
Thunder Bay												
Industrial Composite	117.02	124.69	141.58	149.81	158.70	178.31	203.29	240.11	259.75	274.06	303.06	324.71
Manufacturing	131.91	141.17	153.56	166.56	183.39	206.23	231.39	282.04	315.55	335.64	365.66	394.01
Windsor												
Industrial Composite	137.28	150.80	163.30	183.33	201.17	210.97	229.37	261.70	287.90	305.19	317.79	343.30
Manufacturing	154.47	172.01	187.15	209.58	232.01	244.20	267.43	306.88	341.36	363.00	376.48	423.59

Source: SC, *Employment, Earnings and Hours.*

Table 12.14
Percentage of Office Employees Who Receive Annual Vacations with Pay, Industrial Composite, Canada and Ontario, 1967-1979[1]

	Survey Coverage		Vacation with Pay						
	Total Number of Reporting Units	Total Number of Employees	Provide Vacations with Pay	Number of Weeks					
				1	2	3	4	5	6
			Per cent						
1967									
Canada	22,556	1,107,209	100	56	86	92	76	11	-
Ontario	9,111	486,833	100	59	86	92	76	12	-
1968									
Canada	22,953	1,201,492	100	60	85	93	80	15	1
Ontario	9,194	540,815	100	63	85	94	80	16	1
1969									
Canada	22,986	1,234,264	100	56	83	94	82	19	1
Ontario	9,266	560,539	100	63	84	94	82	22	2
1970									
Canada	23,806	1,120,404	100	64	95	94	84	18	2
Ontario	9,606	522,032	100	66	96	95	85	20	2
1971									
Canada	22,715	1,132,915	100	62	92	95	86	27	3
Ontario	9,186	519,892	100	67	97	96	87	30	3
1972									
Canada	21,073	1,136,643	100	52	81	96	87	44	3
Ontario	8,520	527,603	100	54	83	96	88	49	4
1973									
Canada	21,261	1,147,573	100	48	77	95	88	51	4
Ontario	8,682	538,132	100	51	74	96	88	59	5
1974									
Canada	18,902	1,143,080	100	48	75	97	90	55	8
Ontario	7,830	530,471	100	47	73	97	90	63	10
1975									
Canada	17,281	1,165,679	100	41	74	97	92	59	13
Ontario	7,102	507,429	100	45	77	98	92	63	12
1976									
Canada	17,497	1,252,230	100	35	71	98	93	67	14
Ontario	7,185	565,728	100	38	71	98	93	68	15
1977									
Canada	15,246	1,261,728	100	..	70	98	95	76	16
Ontario	6,314	570,010	100	..	70	99	95	77	16
1978									
Canada	15,102	1,217,747	100	..	68	96	95	80	18
Ontario	6,086	548,815	100	..	70	99	95	80	17
1979									
Canada	14,623	1,269,118	100	..	69	95	95	82	17
Ontario	5,829	561,328	100	..	71	98	95	81	16

1) All percentages in this table are proportioned of the number of employees in reporting units which practise these actual vacation benefits given under "Survey Coverage".

Source: Labour Canada, *Working Conditions in Canadian Industry*.

Table 12.15
Percentage of Non-Office[1] Employees Who Receive Annual Vacations with Pay, Industrial Composite, Canada and Ontario, 1967-1979[2]

	Survey Coverage		Vacation with Pay						
	Total Number of Reporting Units	Total Number of Employees	Provide Vacations with Pay	Number of Weeks					
				1	2	3	4	5	6
				Per cent					
1967									
Canada	21,410	2,257,042	99	60	91	81	60	10	-
Ontario	8,693	966,510	100	66	95	83	61	13	-
1968									
Canada	21,606	2,246,546	99	62	92	84	64	14	1
Ontario	8,719	957,208	100	71	96	86	66	18	1
1969									
Canada	21,381	2,246,113	99	56	93	83	66	18	2
Ontario	8,644	964,373	99	69	95	84	67	23	3
1970									
Canada	22,177	1,913,508	98	56	93	83	69	21	2
Ontario	9,006	835,535	99	66	95	85	71	25	3
1971									
Canada	21,297	1,929,928	99	51	94	85	71	31	3
Ontario	8,647	832,808	99	63	97	87	73	34	5
1972									
Canada	19,648	1,871,012	99	47	92	86	72	41	4
Ontario	7,975	811,257	100	60	97	88	75	47	6
1973									
Canada	19,664	1,920,668	99	48	91	88	74	46	5
Ontario	8,059	828,105	100	61	93	89	76	51	7
1974									
Canada	17,525	1,779,656	100	42	91	89	77	51	12
Ontario	7,209	782,781	100	48	95	90	79	56	13
1975									
Canada	15,937	1,692,355	100	36	85	91	82	56	18
Ontario	6,545	715,284	100	41	92	92	82	60	19
1976									
Canada	15,956	1,707,031	100	34	90	92	84	60	21
Ontario	6,589	741,517	100	37	94	93	84	62	23
1977									
Canada	13,882	1,588,684	100	..	89	93	86	64	23
Ontario	5,775	696,760	100	..	94	94	86	66	24
1978									
Canada	13,898	1,544,733	100	..	89	91	86	66	25
Ontario	5,644	679,236	100	..	94	94	86	68	27
1979									
Canada	13,391	1,587,212	100	..	88	90	86	69	27
Ontario	5,403	701,481	100	..	93	94	87	70	28

1) Includes all major industries except agriculture, fishing, hunting, trapping, construction, and the non-logging part of forestry.
2) All percentages in this table are proportioned of the number of employees in reporting units which practise these actual vacation benefits given under "Survey Coverage".

Source: Labour Canada, *Working Conditions in Canadian Industry*.

Table 12.16
Total Income and Taxable Income, by Region, Canada, 1971-1979

Taxable and Non-Taxable Returns	Canada	Ontario	Atlantic Region	Québec	Prairie Region	British Columbia	Northwest Terr. Yukon and Non-Residents
1971							
Number of Returns	9,533,292	3,773,776	749,650	2,419,839	1,521,305	1,038,294	30,428
Total Income ($ Million)	56,015.5	23,866.0	3,528.7	13,849.7	8,088.5	6,497.2	185.4
Taxable Income ($ Million)	38,049.5	16,836.8	2,127.7	9,129.5	5,295.8	4,524.9	134.8
1972							
Number of Returns	10,382,005	4,182,099	828,536	2,581,164	1,632,169	1,117,048	40,989
Total Income ($ Million)	66,248.6	27,979.6	4,408.5	16,226.1	9,644.3	7,691.9	298.1
Taxable Income ($ Million)	39,208.0	17,313.4	2,251.5	9,309.3	5,436.7	4,710.9	186.3
1973							
Number of Returns	11,557,849	4,645,417	927,687	2,852,374	1,822,377	1,261,286	48,708
Total Income ($ Million)	94,352.2	38,502.1	6,427.7	22,957.9	14,698.8	11,341.4	424.3
Taxable Income ($ Million)	58,104.6	24,267.4	3,583.8	13,861.9	8,852.5	7,261.7	277.3
1974							
Number of Returns	11,602,170	4,662,421	929,869	2,864,702	1,829,024	1,265,832	50,322
Total Income ($ Million)	94,785.1	38,664.7	6,447.3	23,088.5	14,765.8	11,388.0	430.9
Taxable Income ($ Million)	58,378.6	24,370.9	3,595.4	13,944.3	8,894.9	7,291.8	281.3
1975							
Number of Returns	12,002,400	4,784,138	961,979	2,952,742	1,922,723	1,328,298	52,520
Total Income ($ Million)	110,703.7	44,234.6	7,658.9	27,005.0	18,008.6	13,288.3	508.3
Taxable Income ($ Million)	68,519.9	27,774.6	4,362.1	16,449.2	11,084.7	8,522.4	327.1
1976							
Number of Returns	12,342,712	4,909,113	977,068	3,026,349	2,016,945	1,359,592	53,645
Total Income ($ Million)	127,295.1	50,370.1	8,708.4	31,462.7	20,856.4	15,324.1	573.3
Taxable Income ($ Million)	78,627.2	31,439.0	4,958.9	19,267.2	12,774.6	9,818.0	369.5
1977							
Number of Returns	12,585,891	4,995,253	1,004,327	3,071,543	2,066,068	1,393,985	54,715
Total Income ($ Million)	139,879.5	55,346.5	9,584.2	34,392.5	23,012.6	16,882.6	661.0
Taxable Income ($ Million)	85,971.3	34,348.7	5,414.4	20,986.4	14,045.4	10,751.6	424.9
1978							
Number of Returns	14,320,313	5,510,405	1,204,493	3,591,855	2,381,482	1,571,858	60,220
Total Income ($ Million)	157,031.1	61,691.0	10,746.3	38,272.4	26,435.7	19,157.0	710.5
Taxable Income ($ Million)	97,070.4	38,443.3	6,120.3	23,420.3	16,311.7	12,314.0	460.8
1979							
Number of Returns	14,682,155	5,631,707	1,224,388	3,647,245	2,462,603	1,638,467	77,745
Total Income ($ Million)	177,340.9	69,002.0	11,977.6	42,326.1	30,813.8	22,203.0	1,018.4
Taxable Income ($ Million)	108,996.6	42,691.0	6,784.6	25,583.0	19,152.1	14,119.2	666.6

Source: Revenue Canada, *Taxation Statistics*.

Table 12.17
Taxable Returns, by County[1], Ontario, 1978 and 1979

	1978			1979		
	Number of Taxable Returns	Total Income	Total Tax Payable	Number of Taxable Returns	Total Income	Total Tax Payable
		$'000's			$'000's	
Ontario	3,325,246	54,289,782	9,102,084	3,596,775	61,652,578	10,500,705
Algoma District	45,281	757,774	128,281	49,595	878,939	153,108
Brant	38,118	582,183	91,569	41,049	663,817	107,741
Bruce	21,240	349,073	57,011	22,567	383,246	62,361
Cochrane District	31,773	506,626	82,938	33,943	563,386	94,128
Dufferin	9,844	157,107	26,197	10,765	177,090	29,139
Dundas	6,119	88,467	12,964	6,849	104,383	15,775
Durham R.M.[2]	104,832	1,744,267	299,813	113,798	1,983,862	346,336
Elgin	24,758	357,749	52,991	28,070	421,958	63,463
Essex	115,850	2,005,486	349,458	124,735	2,210,720	382,652
Frontenac	41,512	653,831	105,158	42,244	696,595	113,339
Glengarry	5,168	74,360	10,859	5,869	87,817	13,168
Grenville	9,332	136,455	20,343	10,233	155,181	23,705
Grey	22,701	322,614	45,745	24,894	366,213	52,729
Haldimand Norfolk R.M.[2]	31,389	471,796	73,282	34,228	541,201	86,483
Haliburton	2,874	37,905	5,002	3,423	47,275	6,397
Halton R.M.[2]	98,263	1,846,803	344,447	108,507	2,149,744	406,442
Hamilton Wentworth R.M.[2]	157,978	2,546,036	423,013	170,472	2,894,708	490,052
Hastings	39,287	577,494	85,658	40,090	611,545	92,232
Huron	16,551	246,390	35,277	18,104	282,019	41,962
Kenora District	17,924	284,934	46,574	19,571	323,428	53,720
Kent	40,995	651,473	104,375	44,006	727,800	117,488
Lambton	44,296	778,286	135,872	46,371	839,467	146,080
Lanark	16,633	234,591	34,374	18,098	264,899	39,314
Leeds	19,486	289,785	44,490	21,060	328,314	51,448
Lennox & Addington	8,562	122,991	18,017	13,405	201,681	30,077
Manitoulin	2,209	29,658	4,027	2,526	34,607	4,768
Middlesex	124,175	1,977,119	320,968	133,680	2,229,154	368,347
Metropolitan Toronto	949,192	15,685,612	2,699,855	1,017,368	17,818,768	3,126,376
Muskoka	12,104	170,758	24,195	13,259	196,239	28,557
Niagara R.M.[2]	132,425	2,175,693	358,730	143,208	2,453,003	408,887
Nipissing District	25,313	380,563	57,948	27,458	430,564	67,088
Northumberland	20,823	309,682	46,105	22,024	341,797	51,953
Ottawa-Carleton R.M.[2]	235,513	4,187,195	733,074	249,114	4,645,663	817,270
Oxford	31,946	473,782	71,894	34,628	543,279	83,820
Parry Sound District	9,596	132,507	18,353	10,662	151,069	21,241
Peel R.M.[2]	185,386	3,136,699	559,444	206,329	3,690,288	671,108
Perth	24,232	349,449	51,631	26,400	401,351	60,102
Peterborough	32,819	498,995	75,849	38,327	603,567	92,634
Prescott	8,816	126,112	18,845	10,034	153,069	24,023
Prince Edward	6,755	96,123	13,601	7,356	108,943	15,837
Rainy River District	8,251	131,382	21,186	8,128	138,395	22,609
Renfrew	30,132	430,834	62,150	31,990	477,370	70,869
Russell	7,426	105,749	15,698	7,961	118,617	17,926
Simcoe	76,642	1,122,231	169,812	83,983	1,279,807	196,015
Stormont	21,330	312,528	48,154	23,339	352,610	54,949
Sudbury District	7,650	116,229	17,920	7,980	126,820	20,109
Sudbury R.M.[2]	55,807	877,064	138,667	59,222	953,850	152,839
Thunder Bay District	60,421	1,012,675	175,148	64,644	1,136,726	199,505
Timiskaming District	12,628	185,494	27,434	13,417	207,382	31,521
Victoria	16,111	231,358	33,141	16,366	241,776	34,819
Waterloo R.M.[2]	121,843	1,879,287	298,704	132,854	2,131,101	344,774
Wellington	46,941	728,935	114,946	51,240	829,580	132,999
York R.M.[2]	87,994	1,601,593	290,897	101,301	1,950,987	360,253

1) County definitions have been updated.
2) R.M. = Regional municipality.

Source: Revenue Canada, *Taxation Statistics*.

Table 12.18

Taxable Returns, by Selected City, Ontario, 1974-1979

	1974			1975			1976		
	Number of Taxable Returns	Total Income	Total Tax Payable	Number of Taxable Returns	Total Income	Total Tax Payable	Number of Taxable Returns	Total Income	Total Tax Payable
		$'000's			$'000's			$'000's	
Toronto	1,158,990	12,147,426	2,243,781	997,865	12,973,273	2,437,693	1,043,367	14,796,548	2,698,022
Hamilton[1]	219,455	2,321,297	413,048	155,067	1,964,360	346,290	161,667	2,200,685	378,767
Ottawa	225,569	2,503,489	459,334	207,993	2,787,845	507,695	200,162	3,034,960	549,034
London	118,305	1,200,876	207,551	102,512	1,294,471	227,429	106,397	1,467,943	252,010
Windsor	105,908	1,140,194	195,933	90,171	1,177,175	203,269	96,076	1,401,205	241,451
Mississauga	98,750	1,115,684	214,914	96,220	1,315,501	254,568	97,652	1,483,399	282,989
Kitchener[2]	84,910	828,687	140,353	78,996	942,650	159,541	78,629	1,045,894	177,269
St. Catharines	60,886	636,868	109,067	52,025	660,432	113,748	55,370	790,369	136,517
Thunder Bay	50,928	516,349	88,820	42,957	540,827	94,451	48,891	694,057	123,698
Oshawa	48,510	506,207	90,323	45,677	584,153	103,441	46,090	660,198	119,614
Sudbury[3]	60,900	617,437	102,977	51,419	659,084	116,670	56,210	815,539	143,119
Sault Ste. Marie	33,482	352,139	61,157	26,852	357,687	63,679	32,052	450,054	76,992
Niagara Falls	30,864	294,195	46,368	24,810	292,616	48,060	27,405	364,818	59,805
Brantford	32,696	322,916	55,314	30,193	363,873	62,417	30,099	404,892	69,095
Oakville	30,920	377,591	75,557	28,413	427,406	86,872	27,629	464,671	93,919
Guelph	29,840	298,315	50,355	29,148	354,789	61,034	27,053	374,967	64,596
Kingston	41,809	412,773	69,860	37,142	470,549	83,585	36,555	509,681	87,459
Peterborough	30,734	302,671	49,303	25,038	308,274	51,760	28,845	386,466	62,183
Sarnia	34,907	391,108	71,657	29,602	408,782	76,421	31,672	490,264	92,018
North Bay	20,426	207,309	34,391	16,464	201,990	35,232	16,904	242,348	40,687
Cornwall	19,467	170,271	26,162	16,432	182,542	28,616	16,505	205,908	32,247
Welland	19,410	180,705	29,258	18,604	223,529	37,735	17,272	227,912	36,777
Brampton	25,914	271,917	49,433	24,697	308,628	56,539	28,223	386,724	69,579
Cambridge[4]	34,358	303,370	48,079	30,488	335,256	53,320	32,809	401,771	64,373

Table 12.18 (cont'd.)
Taxable Returns by Selected City, Ontario, 1974-1979

	1977			1978			1979		
	Number of Taxable Returns	Total Income	Total Tax Payable	Number of Taxable Returns	Total Income	Total Tax Payable	Number of Taxable Returns	Total Income	Total Tax Payable
		$'000's			$'000's			$'000's	
Toronto	1,036,004	15,910,406	2,829,375	949,192	15,685,612	2,699,855	502,881	8,671,470	1,505,490
Hamilton[1]	152,199	2,286,298	389,780	134,879	2,124,789	348,463	130,438	2,158,791	360,392
Ottawa	213,940	3,494,306	623,738	217,193	3,872,019	679,559	220,340	4,124,220	726,706
London	106,504	1,566,824	259,634	108,689	1,745,750	286,138	112,013	1,877,490	313,029
Windsor				95,759	1,680,891	296,720	84,032	1,500,983	261,995
Mississauga	111,667	1,793,766	327,621	114,964	1,975,529	356,557	133,641	2,436,128	447,922
Kitchener[2]	79,726	1,140,553	188,405	80,153	1,262,050	204,441	84,690	1,382,838	227,569
St. Catharines	57,610	894,273	152,236	55,660	945,132	160,365	49,621	879,240	150,848
Thunder Bay	49,673	777,082	135,445	48,793	815,112	140,462	51,933	909,668	158,890
Oshawa	45,288	701,589	123,760	46,029	767,183	132,296	49,060	853,514	149,531
Sudbury[3]	53,161	831,667	142,726	49,740	781,628	123,957	36,189	590,554	96,041
Sault Ste. Marie	32,351	508,086	87,141	31,062	524,426	88,961	33,554	599,398	104,395
Niagara Falls	28,988	410,947	66,161	25,890	406,340	65,936	28,076	457,363	74,751
Brantford	31,419	457,531	75,152	31,108	478,200	75,836	33,432	543,692	88,763
Oakville	28,278	517,912	100,769	29,568	585,241	112,810	32,535	684,064	134,055
Guelph	30,495	433,947	71,550	29,933	473,668	76,557	32,435	534,892	87,744
Kingston	35,837	531,638	87,592	36,308	582,019	94,990	34,708	583,790	96,328
Peterborough	26,798	383,350	60,997	26,793	412,544	63,791	28,820	460,681	72,013
Sarnia	32,174	567,505	108,208	31,534	570,878	102,791	27,930	521,176	93,459
North Bay	17,540	260,946	41,616	17,820	277,864	43,546	19,838	320,788	50,992
Cornwall	17,357	231,963	35,797	17,003	250,491	39,158	18,749	283,514	44,678
Welland	16,217	240,332	39,392	17,278	272,267	43,824	18,619	310,594	51,420
Brampton	31,011	462,444	80,362	34,004	541,474	92,913	62,316	1,047,497	183,965
Cambridge[4]	30,836	411,812	64,861	31,987	462,138	70,961	34,505	520,139	82,022

1) 1974 figures for Hamilton also include Wentworth County and Burlington which is in Halton County.
2) Includes Waterloo.
3) Includes Copper Cliff.
4) Cambridge consists of Galt, Hespeler and Preston.

Source: Revenue Canada, *Taxation Statistics*.

Section
13

Prices

Highlights

(All price indexes are based on 1971 = 100, except the Raw Material Index, 1977 = 100).

- **Consumer Prices** – The all-items consumer price index in 1980 stood at 210.6, an increase of 10.1% from 1979. The increases in the all-items indexes for Ottawa, Thunder Bay and Toronto were respectively 9.7%, 9.8% and 10.1%. The greatest change in any of the indexes given for Canada was for transportation with a 12.8% increase. For this item the three cities had increases of 12.6%, 14.0% and 13.2% respectively. The other indexes for Canada showed increases as follows – Food 10.7%, Housing 8.2%, Clothing 11.8%, Health and Personal Care 10%, Recreation, Reading and Education 9.5%, Tobacco and Alcohol 11.2%.
- **Farm Prices** – The 1980 farm output prices index stood at 239.3 for Ontario, an increase of 3.3% from the previous year and at 270.2 for Canada, an increase of 5.4%. Ontario crops were up 1.6% from 1979 and livestock 4.0%. Canadian crops increased by 10.8% from 1979 and livestock by 1.9%.

  The 1980 farm input price index stood at 257.2 for Canada, an increase of 9.7% from 1979. The largest increase in farm input prices from 1979 to 1980 was for interest payments and for crop production (20.5% for Canada), followed by a 14.9% increase in the price of machinery and motor vehicles in Canada. Canadian farm property taxes showed a 7.5% increase from 1979 to 1980 (Eastern Canada 8.0% increase, Western Canada 7.5% increase). Farm rent increased 11.2% for Canada; 15.2% in Eastern Canada and 9.5% in Western Canada. Hired farm labour increased 5.9% in Canada (Eastern Canada 4.9%, Western Canada 7.2%).
- **Construction Prices** – The Canadian residential building index rose 5.2% to 222.4 in 1980. This compares with an increase of 5.3% to 216.0 for Ontario. Non-residential building indexes rose 8.9% to 233.8 for Canada and 8.2 to 224.8 for Ontario. The Canadian building materials index increased 3.7% to 214.7 for residential building and 10.2% to 230.0 for non-residential building. In Ontario the residential building materials index stood at 212.3 in 1980, an increase of 4.6% from the previous year. The Canadian building labour index increased 7.7% for residential building and 7.6% for non-residential building. In Ontario the building labour index rose 6.3% for residential building and 6.0% for non-residential building.

  New housing prices changed by the following percentages in 1980 – Montreal 11.0%, Toronto – 5.0%, Ottawa-Hull 5.7%, Winnipeg 1.0%, Calgary 7.5%, Edmonton 7.8%.
- **Industry, Secondary Metals and Energy Prices (Canada)** – The total industry selling price index was 247.0 in 1980, an increase of 13.4 from 1979. The increase (79-80) for the food and beverage price index was 10.5% and for the total non-food index it was 14.1%. For the ferrous scrap materials purchase price index there was a 3.6% decrease to 241.2 and for the non-ferrous scrap a 4.7% increase to 244.1. The thermal coal index decreased 5.6% to 348.5. From 1978 to 1979 the energy selling prices showed an increase of 5.6% to 243.3 for over 5,000 kw electric power and 9.3% to 194.2 for under 5,000 kw electric power. The latest available information for petroleum refineries is for 1979. The selling price index in this instance advanced 26.6% to 325.8 from 1978.
- **Raw Materials Prices (Canada)** – The all-items raw materials price index advanced 14.5% from 1979 to 1980 and 11.8% for the "without fuels" category. The greatest increase, 36.5% in the raw materials commodity indexes was for non-ferrous materials. This was followed by 26.1% for vegetable materials and by 18.7% for fuels. Least change occurred for ferrous materials – 0.8% and animal materials 2.6%.
- **Trade Price Indexes** – Canadian import prices rose 17.8% in 1980 and export prices 23.1%. Highest increases were for crude materials inedible 39.4% (Imports) and 45.6% (Exports). For other commodity groups increases were as follows (Imports first): food, feed, beverage and tobacco, 15.7%, 16.1%; live animals 0.3%, 6.4%; fabricated materials inedible, 14.0%, 13.4%; and, end products inedible 11.5%, 10.6%.

  The crude materials inedible index stood at the highest level in 1980 for both imports (818.1) and exports (663.0). These figures compare with the all sections indexes of 304.9 for imports and 337.2 for exports.

- **Implicit Price Indexes, Gross National Expenditure** – The 1980 index for personal expenditure on consumer goods and services was 205.0, an increase of 10.5% from 1979. Government current expenditure on goods and services rose 11.4% to 254.6.

  Gross fixed capital formation indexes for government and business stood at 227.9 and 228.8, representing increases by 8.7% and 8.9% respectively. Implicit price indexes for exports and imports of goods and services were 280.4 and 261.8 respectively in 1980. These represented increases of 15.7% (Exports) and 15.4% (Imports).

  The Gross National Expenditure Index increased 10.5% in 1980 to 222.3.

Definitions

The Consumer Price Index for Canada — The Consumer Price Index measures the percentage change through time in the cost of purchasing a constant "basket" of goods and services representing the purchases by a particular population group in a specified time period. The "basket" is an unchanging or equivalent quantity and quality of goods and services, consisting of items for which there are continually measurable market prices over time.

Index Number of Farm Prices of Agricultural Products — Most of the price information used in compiling the index is obtained from reports furnished monthly by volunteer farm correspondents throughout Canada. The prices used in computing the index are, as closely as can be determined, the prices which are actually received by the farmers at the farm level. Subsidies, bonuses and premiums which can be attributed to specific products are all included in the prices, whereas storage, transportation, processing and handling charges which are not actually received by farmers are excluded. In reporting prices to the bureau, each month, price correspondents are asked to report the average prices prevailing in their neighbourhood, taking into account the various grades of each commodity marketed. Thus, average prices reported by these correspondents may differ from month to month as a result of changes in price, changes in quality marketed or a combination of both. In effect, this index is not a measure of pure price change but a measure of the change in returns to farmers per unit of product marketed.

Farm Input Price Indexes (FIPI) — Farm Input Price Indexes are designed to measure price movements of inputs used in Canadian farming in 1971. The current indexes are calculated for the period starting 1971.

The base-weighted indexes (Laspeyre's type) give an estimate of how much more or less it would cost to purchase a specified group of inputs at present as opposed to the base year. The weights are based on the 1971 estimates for farm expenditures.

Precautions should be exercised when using the indexes. Since the indexes assume a constant "basket" of goods, they should not be interpreted as a measure of production cost movement because of substitution effects and changes in productivity which might have taken place since 1971.

Building Construction Input Price Indexes — These measure price changes for labour and materials used in building construction. As measures of inputs they do not adjust for productivity changes involved in design or in putting the work in place. Neither are other elements affecting output prices covered, such as site preparation, overhead and profit. Materials prices used are manufacturers' new order selling prices for commodities, adjusted for changes in federal sales taxes. Labour rates are measured by the movement of basic union wage rates.

For residential building, weights are derived from a 1969 study by CMHC of material requirements for new houses, augmented by estimates of labour requirements by trade, to establish the relative importance of each trade and the material-labour ratio for each. Regional data are weighted according to information about housing starts in the reference period. All weights are expressed at 1971 prices. In the case of non-residential building, weights are derived from a cost analysis of a number of structures carried out in 1971 to establish the relative importance by trade of material and labour requirements. These were aggregated into material commodity groups by type of structure, and into total labour requirements. Separate weighting patterns by region could not be established. Separate measures of materials price movement cannot be made; however, regional labour indexes can be identified and aggregated with materials movement at the total level. Regional weights to combine total indexes were derived from data on construction activity in the reference period.

New Housing Price Indexes — These measure changes in selling prices of new houses constructed by large and medium volume builders in metropolitan areas. The houses sampled are representative of the total being sold at that time but elements of quality change are excluded from the price measure. Prices used are the selling prices agreed upon between builder, and buyer at the time of signing the contract. Prices relate to mid-month. The price normally (where relevant) includes the house and the serviced lot on which it stands.

Weights are applied to combine price movements of different models within a company and different companies within a city. They are revised regularly to reflect latest market shares. City indexes are combined to the Canada index according to the value of housing starts in the three-year period 1975–1977. Users of this table are advised that comparisons of these indexes with other sources of housing statistics, which include either the selling prices of specific types of houses or selling prices of both new and old houses, should be made with caution.

Industry Selling Price Indexes — Industry Selling Price Indexes are a measure of pure price change of specified commodities having a fixed time and weight base of 1971 = 100. Prices are f.o.b. factory gate less discounts and before taxes.

The indexes are gross weighted. They measure the movements of prices of gross shipments of manufacturing industries, including inter-industry shipments between individual industries within manufacturing. Therefore, they duplicate the movements of some prices in the sense that, for example, flour prices are given full weight as part of the shipments of the Flour Mills Industry and then are implicitly counted again through full weighting of the shipment prices of those manufacturing industries which use flour as an ingredient in their outputs, e.g., bread, biscuits, cakes, etc.

The Classification system used is that of the 1970 Standard Industrial Classification, thus permitting the joint use of price statistics with other data such as production and employment similarly classified.

Whenever specification changes occur thereby altering the quality of the item being priced, quality change evaluations are made to ascertain only pure price change since the commodity characteristics must remain constant in order to measure pure price change over a given period of time.

Purchase Price Indexes of Industrial Materials — Ferrous and non-ferrous indexes are compiled from a series of input prices, inclusive of transportation and brokerage fees, submitted by a wide variety of purchasers from selected industries.

The thermal cost purchase price index was required as the result of a renewed demand for coal because of an anticipated shortage in energy supplies. The index for coal is a purchase price index determined by surveying electric utilities, the major users of bituminous coal. It includes purchase prices for both domestic and imported United States coal. Prices are the amount the utilities pay to suppliers, excluding federal and provincial taxes and freight rates. The weights in this index are derived from the base year purchase prices provided by the firms.

Energy Selling Price Indexes — These are designed to measure "pure" price change at the producers' level, i.e., at the "factory gate". Since the industry's transmission lines are considered as part of the producer's operation, the "factory gate" for the Electric Power indexes is at the users' end.

The Electric Power Selling Price Index series is published in two customer categories of sales, (1) an index for bills less than 5,000 kW and (2) an index for large industrial sales, bills or contracts 5,000 kW and over. Only firm (non-interruptible) power is being surveyed. Interruptible and off-peak power price movement is not included in this index.

A revised price sample has been linked into the Petroleum Refineries Price Indexes of the Industry Selling Price Indexes, effective February 1977 wherein the number of prices observed and collected has been increased ninefold. The prices for these commodities are the average net realized prices by oil companies for finely specified categories on sale.

The weights assigned to all user categories in the new series correspond to net sales made in 1971 by the respective company in any given region. Each weight represents the importance of the respective user category in the Petroleum Refinery Index (PRI) commodity listing, and determines the degree of influence which each price change has on the total index.

Raw Materials Price Index — The Raw Materials Price Index is a base-weighted series covering the domestic disappearance of some 70 commodities originating in Canada or overseas.

The weighting system is based on values calculated for the 1974 input/output tables, i.e., gross output plus imports, wholesale and transport margins minus exports. The 1974 values were subsequently adjusted for price change between that year and 1977 using appropriate series from the General Wholesale Price Index. Where individual quotations are used these are given equal weighting within a commodity series.

All important crude materials consumed in Canada are covered by this index without duplication. In some instances prices are volatile (non-ferrous metals) but others are controlled by marketing boards (milk), regulation (crude oil) or long-term contracts. At the total level the index should be an early indicator of price pressure of unprocessed goods flowing into Canadian manufacturing and distribution industries.

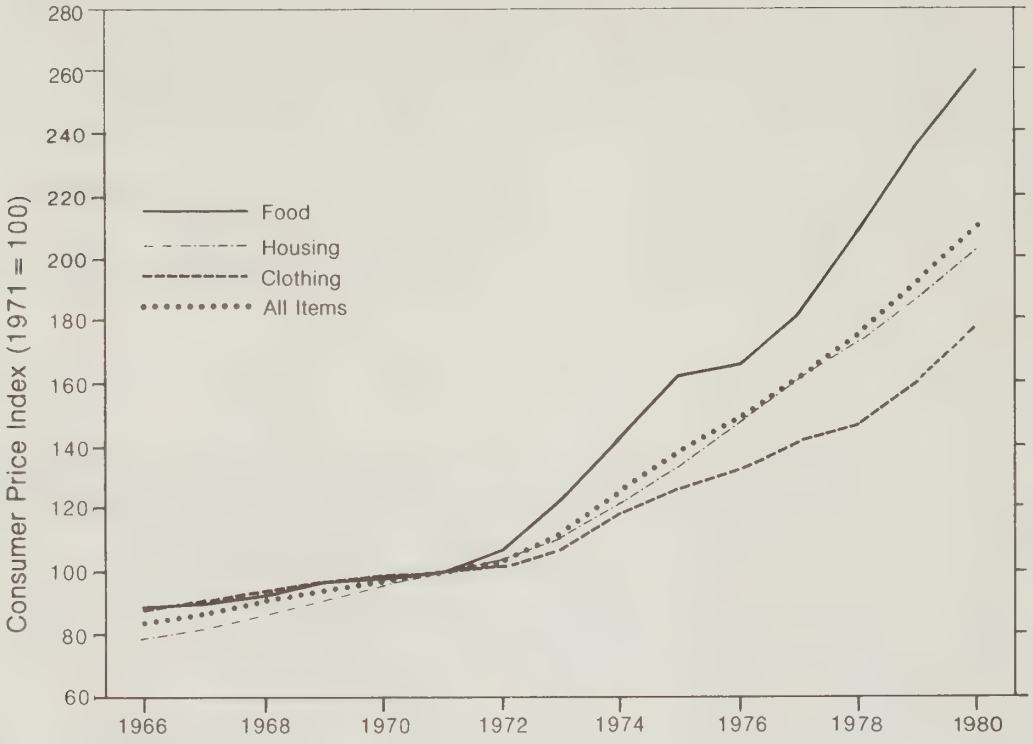
Export Price Indexes and Import Price Indexes — These are base-weighted indexes which measure the year-to-year changes in prices of aggregate Canadian exports and imports. The weights used in calculating these indexes are derived from the values of exports and imports of commodities represented in the indexes in the base year of 1971. Sources of price relatives are: unit values of imports and exports calculated direct in the base year of 1971. Sources of price relatives are: unit values of imports and exports calculated direct from trade statistics; and specification price indexes from Canadian and foreign sources. Those used in Table 13.2 are Laspeyres type of base-weighted as opposed to the Paasche type of current-weighted index which may be found in Statistics Canada, *Summary of External Trade,* Catalogue 65–001.

Implicit Price Index — The implicit price indexes of Gross National Expenditure (GNE) and its components are essentially a by-product of the deflation process (using price indexes which approximately reflect the transaction prices of goods and services). They provide measures for changes taking place in the economy as a whole as well as identifying areas associated with inflationary developments.

These indexes are derived from the division of the current value of GNE by the constant dollar series — giving currently weighted (Paasche type) price indexes — which reflect changes in price from year to year and changes in the pattern of expenditure of the group to which they refer, from year to year. As a general rule, year to year changes in expenditure pattern are not sufficiently important to impair the use of these ratios for the analysis of price changes. The year to year changes in expenditure patterns usually (but not always) have little effect on the movements of these indexes.

Graph 13.A

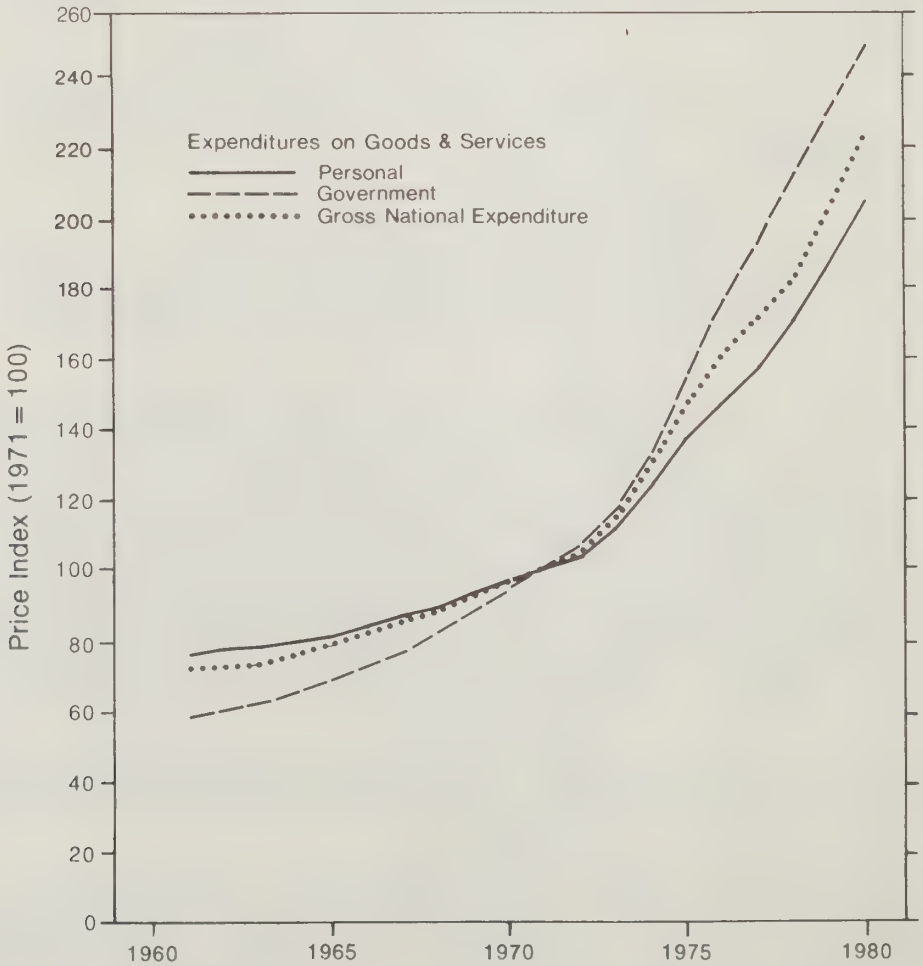
Consumer Price Indexes by Item, Canada, 1966-1980



Refer to Table 13.1.

Graph 13.B

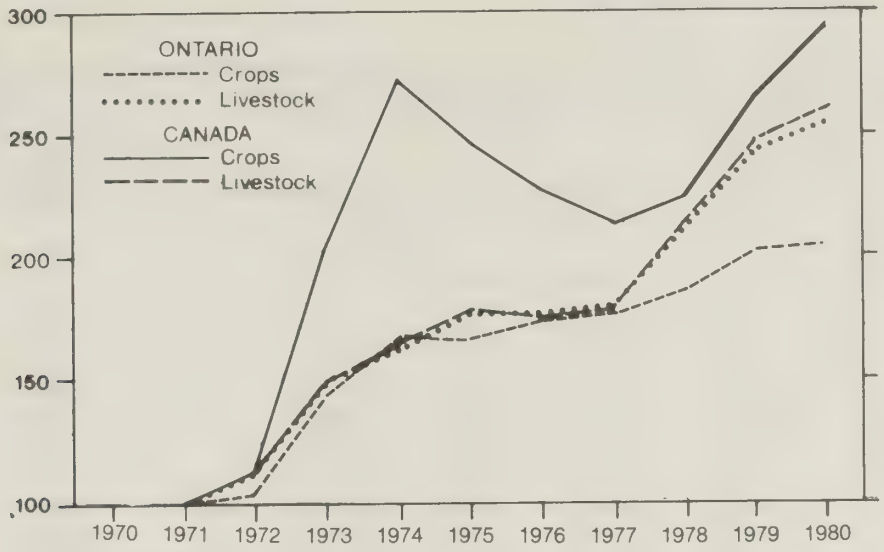
Implicit Price Indexes, Gross National Expenditure, Canada, 1961-1980



Refer to Table 13.3.

Graph 13.C

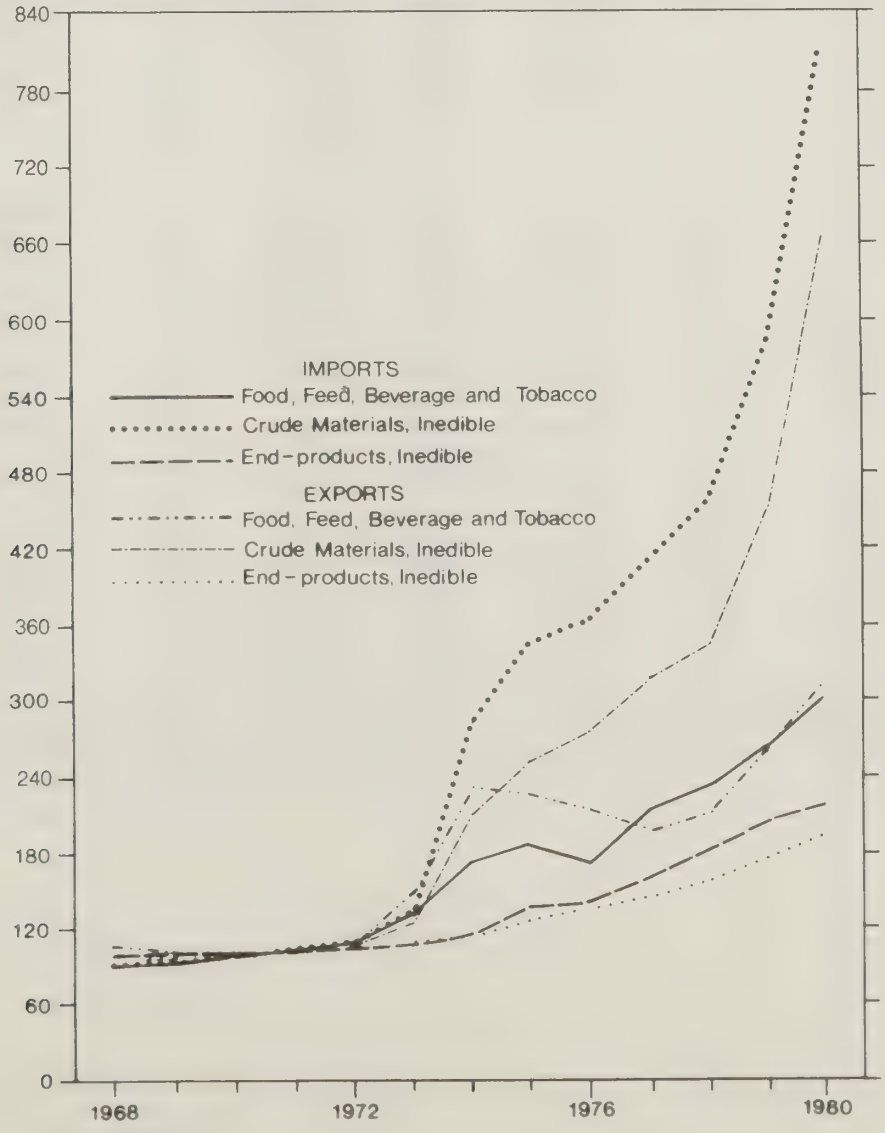
Index Numbers of Farm Prices of Agricultural Products, Ontario and Canada, 1971-1980



Refer to Table 13 6

Graph 13.D

Export and Import Price Indexes, by Selected Commodity Group, Canada, 1968-1980



Refer to Table 13.2

Table 13.1
Consumer Price Indexes, Canada and Selected Ontario Cities, 1965-1980[1]

	All Items	Food	Housing	Clothing	Trans-portation	Health & Personal Care	Recreation, Reading & Education	Tobacco, and Alcohol
				Annual Averages				
Canada (1971 = 100)								
1965	80.5	83.4	77.3	83.8	80.7	79.4	77.9	81.7
1966	83.5	88.7	79.5	87.0	82.6	81.8	80.1	83.7
1967	86.5	89.9	82.9	91.4	86.1	86.0	84.1	85.8
1968	90.0	92.8	86.7	94.1	88.3	89.5	88.3	93.6
1969	94.1	96.7	91.2	96.7	92.4	93.8	93.5	97.2
1970	97.2	98.9	95.7	98.5	96.1	98.0	96.8	98.4
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1972	104.8	107.6	104.7	102.6	102.6	104.8	102.8	102.7
1973	112.7	123.3	111.4	107.7	105.3	109.8	107.1	106.0
1974	125.0	143.4	121.1	118.0	115.8	119.4	116.4	111.8
1975	138.5	161.9	133.2	125.1	129.4	133.0	128.5	125.3
1976	148.9	166.2	148.0	132.0	143.3	144.3	136.2	134.3
1977	160.8	180.1	161.9	141.0	153.3	155.0	142.7	143.8
1978	175.2	208.0	174.1	146.4	162.2	166.2	148.2	155.5
1979	191.2	235.4	186.2	159.9	178.0	181.2	158.4	166.7
1980	210.6	260.6	201.4	178.7	200.7	199.3	173.5	185.3
Toronto (1971 = 100)								
1965	82.6	85.7	82.6	84.4	79.4	80.4	79.1	77.7
1966	86.2	91.9	84.9	88.6	82.2	83.1	81.0	81.2
1967	88.8	91.4	88.6	92.4	85.8	87.0	84.9	83.2
1968	92.2	94.2	92.1	94.8	87.3	89.7	89.5	93.0
1969	95.9	98.2	95.5	97.2	92.2	93.6	93.6	97.2
1970	98.4	100.0	98.0	99.0	96.0	98.2	96.5	98.6
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1972	104.9	107.5	104.6	102.7	103.1	104.3	103.7	104.9
1973	113.2	123.4	112.2	108.7	104.3	111.4	107.8	108.1
1974	125.1	143.2	121.7	119.2	114.9	122.2	116.9	113.2
1975	138.5	162.4	133.6	124.1	128.0	137.2	129.6	125.6
1976	148.6	165.5	147.7	130.6	142.2	148.9	136.9	134.5
1977	160.1	179.0	160.8	137.9	151.8	161.0	142.7	144.4
1978	173.7	203.4	173.0	145.9	160.5	173.1	147.5	155.1
1979	189.8	228.9	184.7	162.1	177.9	191.5	157.5	166.6
1980	209.0	253.3	199.3	181.9	201.3	211.4	173.5	184.6

Table 13.1 (cont'd.)
Consumer Price Indexes, Canada and Selected Ontario Cities, 1965-1980[1]

	All items	Food	Housing	Clothing	Trans-portation	Health & Personal Care	Recreation, Reading & Education	Tobacco, and Alcohol
				Annual Averages				
Ottawa (1971 = 100)								
1965	81.3	84.0	81.1	83.2	79.7	78.7	77.5	77.5
1966	84.5	89.6	82.3	86.6	82.5	81.7	78.9	80.9
1967	86.5	90.6	84.1	90.8	84.0	85.1	83.5	83.2
1968	90.6	94.4	87.2	93.2	88.2	89.6	88.5	92.5
1969	94.2	97.0	91.7	96.3	90.1	94.1	96.5	96.9
1970	97.5	99.0	96.0	99.1	95.1	98.6	98.8	98.4
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1972	104.8	106.3	105.2	103.7	101.8	104.7	103.6	104.8
1973	113.1	121.2	111.8	110.4	107.3	110.1	109.3	107.9
1974	125.4	140.5	121.5	120.9	120.7	119.3	117.1	114.3
1975	137.5	158.2	132.6	127.7	130.2	131.0	127.2	127.9
1976	147.9	162.2	147.1	137.6	142.6	142.2	133.9	136.8
1977	160.0	175.4	161.8	148.6	151.4	152.8	138.6	147.4
1978	173.4	199.3	172.6	159.5	162.0	161.2	143.1	159.8
1979	188.7	223.8	183.7	175.7	179.1	173.9	153.1	172.6
1980	207.0	246.9	198.0	195.9	201.7	190.5	166.7	190.2
Thunder Bay (1971 = 100)								
1969	96.2	96.5	97.1	97.8	93.7	92.9	94.0	98.7
1970	98.6	99.7	98.3	98.3	96.7	98.5	97.7	100.2
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1972	104.4	107.2	104.7	100.0	103.0	105.4	103.2	103.5
1973	112.2	122.4	111.7	104.4	106.6	110.2	106.8	106.3
1974	124.3	141.9	121.1	114.9	119.8	118.0	114.7	111.9
1975	138.3	162.2	133.6	119.4	135.1	132.6	125.9	124.4
1976	150.4	168.3	150.9	125.5	150.8	145.8	135.2	133.1
1977	162.1	180.7	164.3	132.8	163.0	159.0	141.7	143.3
1978	175.2	205.7	176.0	141.4	169.0	171.2	146.8	154.0
1979	190.7	229.0	188.8	155.4	184.2	185.5	158.2	166.2
1980	209.4	250.8	203.8	171.8	209.9	201.0	174.0	182.1

1) Revisions starting from 1971 have been brought into effect in October 1978 to take account of methodological differences that existed between city series and their Canadian counter-parts. The revisions give greater consistency between the city and Canadian series from 1971, but provide a break in the continuity of the city series in 1971. The details forming the basis of the change in the methodology are contained in the Statistics Canada Publication "Revisions of the Consumer Price Index."

Source: SC *Consumer Prices and Price Indexes, 62-010.*

Table 13.2
Trade Price Indexes[1] by Commodity Group, Canada, 1968-1980

	All Sections	Live Animals	Food, Feed Beverage and Tobacco	Crude Materials, Inedible	Fabricated Materials Inedible	End-products Inedible
			Annual Averages 1971 = 100			
Imports						
1968	95.5	90.3	91.1	90.0	100.8	95.0
1969	97.2	95.4	92.0	94.3	100.3	97.1
1970	98.5	94.9	97.5	96.4	100.8	98.2
1971	100.0	99.5[2]	100.2[2]	100.00	100.1[2]	100.0
1972	102.6	109.2	109.2	106.5	99.8	102.1
1973	111.3	144.5	132.5	130.6	112.1	105.9
1974	142.9	129.3	172.1	281.0	158.1	116.2
1975	165.7	136.8	183.3	342.6	177.3	136.3
1976	169.6	118.3	172.7	363.2	177.9	140.7
1977	194.2	135.2	213.3	411.9	205.8	159.3
1978	220.1[r]	188.0	233.1[r]	461.6[r]	232.2[r]	182.3
1979	258.9[r]	243.9	263.8[r]	587.0[r]	292.9[r]	203.4
1980[p]	304.9	244.7	305.1	818.1	333.9	226.8
Exports						
1968	95.0	89.3	104.8	94.1	93.7	93.5
1969	96.9	98.4	100.8	96.2	97.9	95.0
'70	99.3	101.8	97.3	99.9	100.8	98.1
1971	100.0	100.0	100.0	100.0	100.0	100.0
1972	103.3	123.7	106.9	101.5	104.4	101.9
1973	119.0	156.9	149.1	122.5	121.7	104.2
1974	161.5	161.4	232.8	210.9	159.4	114.0
1975	181.0	151.4	228.8	251.2	183.0	126.7
1976	188.5	146.7	215.5	275.3	188.8	134.1
1977	205.3	156.2	198.8	316.6	210.1	144.7
1978	223.9[r]	178.6[r]	212.8[r]	344.9[r]	231.1[r]	157.5
1979	273.9[r]	270.2	264.1[r]	455.5[r]	281.7[r]	174.2
1980[p]	337.2	287.4	306.7	663.0	319.5	192.6

1) These indexes are Laspeyres price indexes. They are based on fixed weights derived from 1971 shipment quantities and hence reflect changes in price alone. Most of the non-end product indexes are based on average prices derived from commodity import value and quantity data. The end product indexes are based on wholesale price indexes from Canadian, U.S., and foreign sources as proxies for import prices. For further details and for Paasche indexes refer SC. Summary of External Trade, Catalogue 61-001.
2) Base year figure differs from 100.0 due to re-edit and price adjustments made by SC.

Source: SC., External Trade Division and Cansim

Table 13.3
Implicit Price Indexes, Gross National Expenditure, Canada, 1961-1980[1]

	Expenditure		Gross Fixed Capital Formation		Trade: Goods & Services		Gross National Expenditure
	Personal[2]	Gov't[3]	Gov't	Business	Exports	Imports	
	Annual Averages 1971 = 100						
1961	76.8	59.1	71.4	71.6	81.3	80.3	72.4
1962	77.8	60.6	72.4	72.5	84.5	84.0	73.4
1963	79.0	63.1	74.4	74.5	85.3	85.9	74.8
1964	80.0	65.2	77.0	77.2	87.1	86.6	76.6
1965	81.6	68.2	81.1	81.0	88.7	87.3	79.1
1966	84.3	72.8	85.3	85.1	91.1	89.2	82.6
1977	87.2	77.8	87.1	87.1	93.0	90.7	85.9
1968	90.8	82.2	87.7	87.9	94.3	93.0	88.7
1969	94.3	89.0	91.4	91.5	96.4	95.6	92.6
1970	97.7	94.2	95.3	95.3	99.7	98.2	96.9
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1972	104.0	107.2	105.0	104.9	103.9	103.1	105.0
1973	111.6	116.4	114.8	114.1	117.4	111.2	114.6
1974	124.2	135.1	138.0	132.5	152.2	134.3	132.1
1975	137.3	156.0	153.2	149.6	168.6	153.6	146.3
1976	147.4	176.7[r]	163.7	163.9	173.9	155.4	160.2[r]
1977	158.3[r]	193.5[r]	176.9	177.0	187.4[r]	174.3[r]	171.4[r]
1978	170.0	209.9[r]	188.9[r]	191.5[r]	203.6[r]	197.8[r]	182.3[r]
1979	185.5[r]	228.6[r]	206.5[r]	210.1[r]	242.3[r]	226.8[r]	201.1[r]
1980	205.0	254.6	222.1	228.8	280.4	261.8	222.3

1) These implicit indexes are currently weighted price indexes. They reflect not only pure price changes, but also changing expenditure patterns within and between major groups. They are derived by dividing the total in current dollars by the total in constant dollars.
2) On consumer goods and services.
3) Current, on goods and services.

Source: SC. Gross National Product Division.
National Income and Expenditure Accounts, (13-001)
System of National Accounts — National Income and Expenditure Accounts, (13-201)

Table 13.4
Industry, Secondary Metals and Energy Price Indexes, Canada, 1961-1980

	Industry Selling Price Indexes			Industrial Materials Purchase Price Indexes			Energy Selling Price Indexes		
							Electric Power		
	Total[1,5]	Food and Beverage[2]	Non-Food[3]	Scrap Ferrous	Scrap Non-Ferrous	Thermal Coal[4]	Over 5,000 kw	Under 5,000 kw	Petroleum Refineries[5]
	Annual Averages 1971 = 100								
1961	82.4	77.3	83.7	..	..	..	..	..	88.2
1962	83.3	79.0	84.4	..	..	..	..	..	87.6
1963	84.4	82.0	85.0	..	..	..	..	..	85.0
1964	85.1	82.3	85.8	..	..	..	..	..	85.2
1965	86.2	83.2	87.0	..	..	..	..	..	83.6
1966	88.7	88.0	88.8	..	..	..	..	..	83.8
1967	90.4	88.6	90.9	..	..	..	..	..	84.6
1968	92.3	89.7	93.0	..	..	..	..	..	86.3
1969	95.8	94.5	96.1	..	..	..	..	..	88.0
1970	98.1	97.0	98.3	..	..	..	..	..	90.7
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1972	104.5	109.0	103.4	94.3	93.5	106.7	101.0	101.9	102.7
1973	116.2	133.5	112.3	136.7	126.3	114.9	107.1	105.1	117.5
1974	138.3	157.6	133.8	261.0	166.5	173.8	119.2	109.2	160.1
1975	153.7	173.4	149.3	186.3	118.7	246.4	131.6	122.7	184.5
1976	161.6	175.8	158.4	187.3	138.0	268.3	153.6	139.8	211.5
1977	174.3	187.9	171.3	163.0	152.5	288.0	200.4	160.1	246.7
1978	190.4	208.9	186.4	187.4	175.0	339.1	221.9	177.7	278.7
1979	217.9	235.6	214.0	251.2[r]	242.5	369.3[r]	243.3[r]	194.2	325.8
1980	247.0	260.4	244.1	242.1	253.8	348.5	..	..	..

1) Gross weighted, including inter industry shipments.
2) Excludes alcoholic beverages.
3) Includes alcoholic beverages.
4) Metallurgic coal is not included. The figures given apply to the input to utilities for electric power generation.
5) For the period September 1978 to January 1979 contains estimates of the movement of petroleum prices.

Sources: SC, Prices Division,
Industry Price Indexes, (62-011).
Industry Selling Price Indexes: Manufacturing (1971 = 100), 1956-1976, (62-543).

Table 13.5
Farm Input Price Indexes, Eastern Canada, Western Canada and Canada 1975-1980

	Farm Inputs Total	Building and Fencing	Machinery and Motor Vehicles[1]	Crop Production[2]	Animal Production[2]	Supply and Services	Hired Farm Labour	Property Taxes[4]	Interest[3]	Farm Rent[1]
					Annual Averages 1971 = 100					
Eastern Canada										
1975	161.8	151.4	141.3	218.8	162.3	138.8	157.8	116.1	206.4	168.9
1976	170.8	168.7	153.5	196.3	166.4	149.8	180.9	133.8	242.6	181.9
1977	180.4	181.5	163.9	209.6	170.9	161.2	197.9	141.6	253.9	200.9
1978	199.3	198.4	175.8	224.7	196.2	172.5	208.3	153.3	292.2	220.4
1979	231.5	224.2	197.7	256.1	237.4	190.5	220.9	155.4	382.2	243.0
1980	254.0	238.6	229.3	299.3	245.0	214.8	231.8	167.8	460.5	280.0
Western Canada										
1975	163.0	156.6	140.3	236.6	161.0	136.5	176.3	113.1	203.3	242.6
1976	174.9	173.8	153.1	222.5	163.2	150.1	203.4	130.3	242.3	250.5
1977	179.5	187.3	164.8	219.7	162.4	161.1	225.8	140.1	237.8	216.6
1978	203.0	204.8	176.5	227.4	209.5	172.7	239.9	150.9	278.6	236.1
1979	237.3	228.8	193.9	251.2	265.4	190.1	254.1	158.3	387.4	245.3
1980	260.4	240.0	221.6	313.5	261.8	205.9	272.3	170.1	466.8	268.6
Canada										
1975	162.4	153.5	140.7	226.7	162.1	138.0	165.1	114.3	204.7	219.4
1976	172.8	170.7	153.1	210.1	165.1	149.9	189.8	131.7	242.4	228.9
1977	180.0	183.9	164.4	213.7	167.4	161.2	208.6	140.7	244.8	211.6
1978	201.1	201.0	176.2	225.5	201.8	172.6	220.4	151.8	284.5	231.1
1979	234.4	226.1	195.4	253.8	249.1	190.4	233.6	157.2	385.1	244.6
1980	257.2	239.2	224.5	305.8	252.1	211.5	247.4	169.3	464.1	272.1

1) Farm share only
2) Items included in these indexes are those used only in production. The indexes are not therefore indicative of total cost of crop or animal production.
3) Includes motgage and non-mortgage interest.
4) Selected items.

Source: SC, Prices Division, *Farm Input Price Index*, (62–004)

Table 13.6
Index Numbers of Farm Prices of Agricultural Products, Ontario and Canada 1971-1980[2]

	Ontario			Canada[1]		
	Total	Crops	Livestock	Total	Crops	Livestoc
	Annual Averages 1971 = 100					
1971	100.0	100.0	100.0	100.0	100.0	100.
1972	110.9	104.4	113.5	114.0	113.7	114.
1973	148.2	145.0	149.5	170.4	202.7	150.
1974	163.7	166.6	162.6	205.5	273.7	163.
1975	174.6	166.2	178.0	203.6	246.4	177.
1976	176.9	174.3	177.9[r]	195.1[r]	226.4[r]	175.
1977	180.2[r]	178.8[r]	180.7	191.7	213.5[r]	178.
1978	206.1[r]	189.2[r]	213.0[r]	220.5[r]	224.8[r]	217.
1979	231.6[r]	204.7[r]	242.6	256.3[r]	266.8[r]	249.
1980[p]	239.3	207.9	252.2	270.2	295.7	254.

1) Excludes Newfoundland.
2) The price indexes are subject to adjustments which can be made after final payments are completed. For Ontario this affects wheat only, for Canada wheat, oats and barley.

Source: SC. Farm Income and Prices Section, Agriculture Division.
Index Numbers of Farm Prices of Agricultural Products, (62-003) and CANSIM.

Table 13.7
Raw Materials Price Indexes, Canada, 1977-1980[1]

	Total Indexes		Raw Materials Commodity Indexes							
	All Items	Excl. Fuels[2]	Vege-table	Ani-mal	Tex-tile	Wood	Fer-rous	Non Fer-rous	Non Metallic Mineral	Fuel
	Annual Averages 1977 = 100									
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
1978[r]	114.9	112.8	99.7	121.5	101.2	111.2	113.4	113.7	106.5	118.
1979	135.3	136.8	114.8	143.7	113.5	142.0	135.9	162.2	116.0	133.
1980	154.9	152.9	144.8	147.5	132.8	149.5	134.8	221.4	133.4	158.

1) These data are subject to revision, resulting from weight adjustments.
2) Relevant fuels are: coal, crude oil and natural gas.

Source: SC, Prices Division, *Industry Price Indexes*, (62-011).

able 13.8

uilding Construction Input Price Indexes, Canada and Ontario, 1961-1980

	Residential Building[1]			Non-Residential Building		
	Construction Input Price	Materials	Labour	Construction Input Price	Materials	Labour
	Annual Averages 1971 = 100					
anada						
961	56.3	69.3	46.6	59.0	74.6	46.9
962	57.6	69.7	48.6	59.8	73.9	49.0
963	59.6	72.0	50.3	61.7	75.9	50.7
964	62.6	75.8	52.7	64.6	79.5	53.1
965	65.9	80.3	55.2	67.6	83.1	55.7
966	69.9	83.5	59.6	71.4	86.1	60.1
967	74.6	86.7	65.5	75.6	87.8	66.1
968	79.9	91.5	71.1	79.7	90.0	71.7
969	85.1	96.4	76.5	84.5	94.0	77.2
970	91.2	95.3	87.9	92.0	96.6	88.5
971	100.0	100.0	100.0	100.0	100.0	100.0
972	110.1	109.8	110.6	107.8	104.9	111.0
973	123.2	124.0	121.8	117.5	113.1	122.3
974	134.7	135.2	133.8	136.1	137.3	134.7
975	144.0	139.7	151.6	150.4	147.0	154.1
976	160.5	153.6	172.8	165.7	156.6	175.9
977	175.5	165.2	193.9	179.7	165.6	195.4
978	192.0	184.1	206.2	193.2	179.4	208.4
979	211.4	207.0[r]	219.5	214.6	208.7[r]	221.3
980	222.4	214.7	236.3	233.8	230.0	238.1
ntario						
971	100.0	100.0	100.0	100.0	..	100.0
972	110.3	109.2	112.2	108.8	..	113.0
973	123.5	123.5	123.5	118.1	..	123.6
974	134.5	134.9	133.8	135.2	..	132.8
975	141.6	138.8	146.2	146.6	..	146.0
976	156.4	151.0	165.8	161.9	..	167.8
977	169.9	160.8	185.3	174.4	..	184.3
978	185.1	179.0	195.5	186.4	..	194.2
979	205.2	203.0	209.0	207.7	..	206.7
980	216.0	212.3	222.2	224.8	..	219.0

These indexes measure price changes for labour and materials used in single detached residential construction

urce: SC. Prices Division, *Construction Price Statistics*, (62–007)

Table 13.9
New Housing Price Indexes, by Metropolitan Areas, 1971-1980

	Montreal	Toronto	Ottawa-Hull	Winnipeg	Calgary	Edmonton
			Annual Averages 1971 = 100			
1971	100.0	100.0	100.0	100.0	100.0	100.0
1972	107.6	110.2	112.7	105.2	110.0	109.1
1973	125.8	137.6	138.2	128.4	126.4	132.6
1974	177.7	171.6	171.2	163.5	162.3	172.8
1975	190.3	171.0	178.3	177.5	195.4	205.3
1976	200.9	180.7	192.5	199.8	243.1	245.8
1977	211.7	180.2	198.1	211.8	259.9	262.8
1978	215.8	180.3	195.0	219.2	280.7	280.9
1979	228.3	179.2	196.0	223.5	299.5	302.5
1980	253.4	188.2	207.1	225.7	321.9	326.1

Source: SC, Prices Division, *Construction Price Indexes*, (62-007)

Section
14

Finance

Highlights

- **Ontario Finances** – Interim budgetary plus non-budgetary revenue for Ontario in 1980-81 was $16.5 billion up 8.1 per cent from 1979-80 and 161.9 per cent from 1972-73. Interim budgetary plus non-budgetary expenditure was $17.3 billion in 1980-81 up 9.2 per cent from 1979-80 and 145.6 per cent from 1972-73. The funded debt per capita was $1,892 in 1980-81, up $105 or 5.9 per cent from 1979-80 and 134.4 per cent from 1972-73. The estimated funded debt per capita for 1981-82 is $2,014, 6.4 per cent higher than for 1980-81.

  Of Ontario's total interim budgetary revenue of $15.6 billion in 1980-81, personal income tax accounted for 23.0 per cent and retail sales tax for 16.5 per cent. Payments from the federal government amounted to 19.1 per cent of the total.

  Of Ontario's total interim budgetary expenditure of $16.8 billion in 1980-81, 28.8 per cent went to Health, 15.5 per cent to Education and 9.2 per cent to Colleges and Universities.

  Total revenues of the Ontario Municipal Revenue Fund stood at $4.6 billion in 1979. In 1979, expenditures of the Ontario Municipal Revenue Fund were $4.6 billion.

- **Bond Issues** – The number of marketable bond issues and retirements fluctuates from year to year in Ontario. Over the last five years, the high for net issues was recorded in 1978 when $1.4 billion worth of bonds were issued, a decrease of 71.6 per cent to 0.4 billion by 1980.

- **Foreign Reserves** – Canada's reserve position in the International Monetary Fund stood at US$212.1 million in 1961; by 1971 it had reached US$332.6 million, an increase of 56.8 per cent over 1961. In 1980 the total was US$579.0 million, up US$188.4 million or 48.2 per cent from 1979 and up 74.1 per cent over 1971.

  Canada's total international reserves have fluctuated through 1953 to 1979. The 1980 level of US$4.0 billion represented an increase of US$142.7 million or 3.7 per cent from 1979.

- **Cheques Cashed** – In terms of value of cheques cashed against individual accounts in 1980, Ontario accounted for $3.4 trillion or 63.1 per cent of the Canada total of $5.4 trillion. Toronto, at $3.1 trillion, accounted for 90.8 per cent of the Ontario total and 57.3 per cent of the Canada total.

- **Toronto Stock Exchange** – The Toronto Stock Exchange 300 Composite Stock Price Index has generally experienced an upward trend over the past 20 years. The high point reached was in 1980 with a mark of 2405.65. On the other hand, the lowest point within the last 10 years was in 1974 when the index dipped to 821.10. The high in 1981 for the Index was 2,383.28 which represented a 22.37 point, or 0.9 per cent decrease from the high recorded in 1980. The low for 1981 was 2,143.26 compared with 1,670.89 for 1980.

- **Corporate Activity** – The number of active corporations in Ontario in 1980-81 was 277,500, up 6.9 per cent from 1979-80 and 59.6 per cent from 1975-76. The number of new corporations incorporated each year in Ontario continues to increase steadily. In 1979-80 there were 27,969 new firms incorporated; in 1980-81 there were 28,394. This represents an increase of 425 or 1.5 per cent.

  In 1980 in Ontario there were 2,622 business bankruptcies, accounting for 39.8 per cent of the Canadian total and representing a 17.9 per cent increase over the 1979 Ontario total.

Definitions

Official International Reserves

Convertible Foreign Currencies – Comprise the holdings of the Exchange Fund Account, the Receiver-General for Canada and the Bank of Canada.

Official International Reserves (cont'd)

Holdings of Currencies Other Than U.S. Dollars – Consist of currencies defined as convertible by the International Monetary Fund (IMF) and valued at their official parity or central rates until May, 1973 and at their month-end market closing rates thereafter.

Gold Holdings — Prior to May, 1972 gold holdings were valued at slightly less than the official price to defray potential transportation costs. Commencing in that month, gold holdings were valued at the SDR $35/ounce which added U.S. $2.5 million to the value of reserves at that time.

Canada's Holdings of Special Drawing Rights — Include allocations to Canada of SDR's at the first of the year as follows: 1970 - U.S. $124.3 million, 1971 - U.S. $117.7 million, 1972 - U.S. $116.6 million, 1979 - U.S. $183.9 million, 1980 - U.S. $186.5 million. They also reflect transactions involving Canada under the arrangements by the IMF providing for the use of SDR's by member countries and by the IMF.

The Reserve Position in the International Monetary Fund – Is the amount of foreign exchange that Canada is entitled to draw from the Fund on demand for balance of payments purposes.

Direct Taxes – Direct taxes include personal, corporate and government business enterprise income tax, levies imposed on logging and mining profits, succession duties and estate taxes. Employer and employee contributions to public service pensions, unemployment insurance, workmen's compensation and industrial employees' vacations are considered as direct personal taxes as are contributions made to the Canada Pension Plan or Québec Pension Plan. – Indirect taxes encompass Customs import duties, excise duties and taxes, corporation tax (other than taxes on profits), gasoline tax, miscellaneous taxes on natural resources, the business share of motor vehicle licences and permits, other licences, fees and permits and retail sales tax. Amusement taxes, personal and property taxes, and profits of provincial liquor commissions are also considered indirect taxes.

Transfers from Other Levels of Government – This category includes both general and specific purpose transfers from federal and local governments. The provincial share of federal estate tax, the tax on undistributed income and income tax on privately-owned utilities are classified as transfer payments at the provincial government level.

Credit Union Assets and Liabilities

Assets – Cash - includes money on hand, deposits in chartered banks, trust companies, Province of Ontario Savings Office, and credit union centrals. Investments - includes term deposits, bonds and debentures of and guaranteed by governments at all levels in Canada, shares in centrals, and debentures and shares of reputable corporations (all valued at cost). Specifically excluded are investments in the shares of other credit unions. Loans Receivable - includes all loans outstanding at the end of the accounting period, sub-divided into two main groups:

1) secured by a realty mortgage on property (excluding chattel mortgages), and
2) not secured by a mortgage (primarily personal loans).

Fixed Assets - includes buildings (less accumulated depreciation), furniture, fixtures and equipment (less accumulated depreciation) and land.

Liabilities – Accounts Payable - includes interest payable on borrowings and term deposits, and all commercial accounts owed by the credit union. Loans Payable - includes borrowings of credit unions from chartered banks, and credit union centrals. Deposits - includes ordinary or demand deposits, term deposits, and chequing account deposits as follows:

Demand - money received by credit unions from their members, which members may subsequently withdraw "on demand" after satisfying a statutory waiting period or notice of intent to withdraw of up to 30 days.

Term - money deposited by credit union members, which funds cannot be withdrawn prior to a fixed or stated future date. The rate of interest paid on term deposits is guaranteed during the term specified.

Chequing - money deposited by credit union members to their individual credit, against which a member can issue personal cheques up to the amount of his deposit.

Other Liabilities - includes the value of liabilities not otherwise specified, such as employee benefits, deferred charges, stabilization funds under administration, etc.

Members' Equity – Share Capital - includes ordinary shares, shares held by corporations, and the net of estate shares minus estate loans. Reserves — includes a statutory Reserve Fund and other special or general reserves.

Corporation – A corporation is created by filing articles of incorporation; by filing a memorandum of association; or by issuing letters patent of incorporation. The incorporating instrument - articles, memorandum or letters patent, depending upon the particular provincial or federal statute - sets forth the objects of the corporation and certain provisions for the regulation and conduct of its affairs, and, in the case of a corporation with share capital, the amount of capital it is authorized to issue.

Summary by Upper Tier – The organization of municipal responsibilities and powers differs from area to area but there are three basic types of structure: restructured two tier areas, counties and districts.

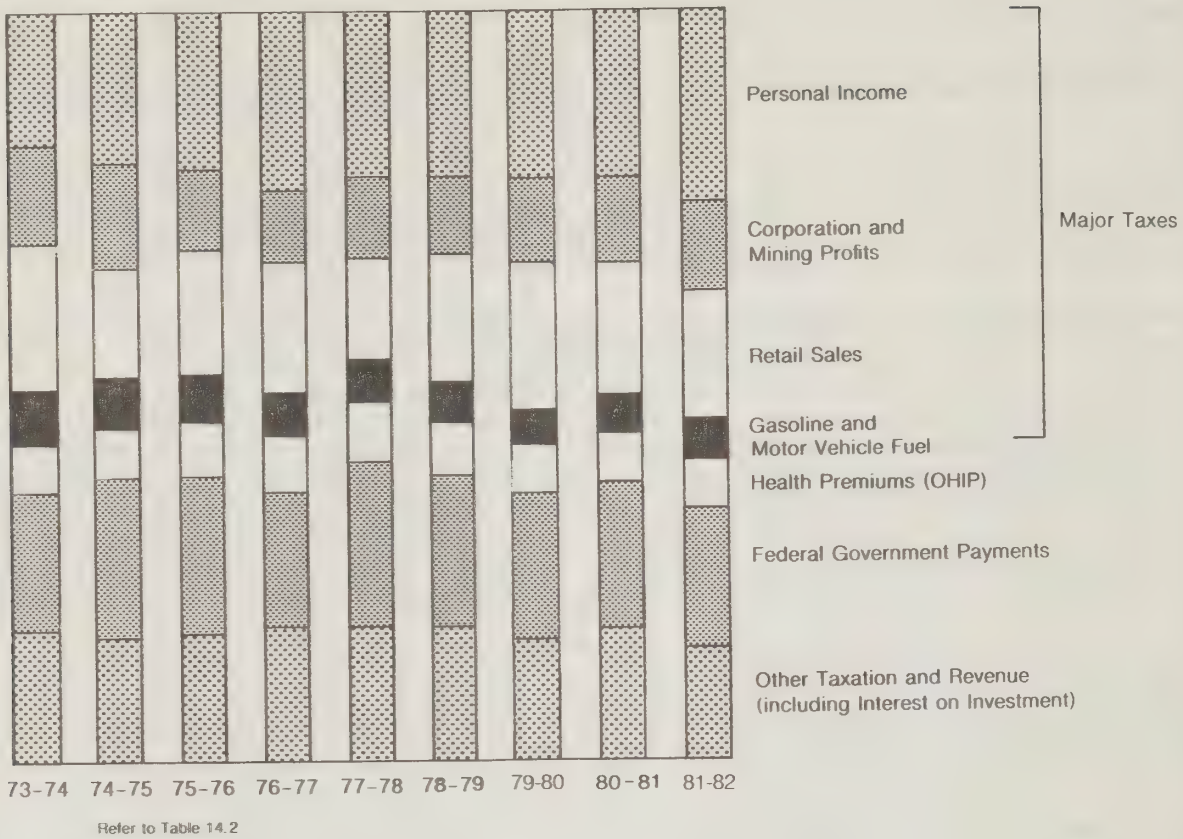
Restructured two tier areas cover most of the faster developing urban centres of Ontario. In each of these areas, there are two levels of municipal government: an upper tier municipality serving the entire area and a number of lower tier municipalities each of which has jurisdiction over part of the area. Upper tier municipalities are variously referred to as metropolitan municipalities, regional municipalities, district municipalities or restructured counties. The division of responsibilities between upper and lower tier municipalities varies between restructured areas, but upper tier municipalities usually provide health and social services, police, transit, major roads, sewers, solid waste disposal and regional planning. Lower tier municipalities are generally responsible for fire protection, neighbourhood roads, solid waste collection and recreation services.

Counties are an older form of two tier local government dating back to the Baldwin Act of 1849. They differ from the more recently created two tier systems in two ways. First, the upper tier, or county municipality, generally has responsibility for county roads and health and social services with all other municipal functions being provided by lower tier municipalities. Second, cities and separated towns which are geographically situated within counties are not part of the county structure, but are separate, single tier municipalities.

Districts in Northern Ontario are geographic entities only. Within districts are single tier municipalities and large areas which are unorganized for municipal purposes. The municipalities provide the full range of municipal services, while people living in unorganized areas may receive limited municipal services from the Province. In addition, local boards provide a variety of services to residents of municipalities and unorganized areas alike.

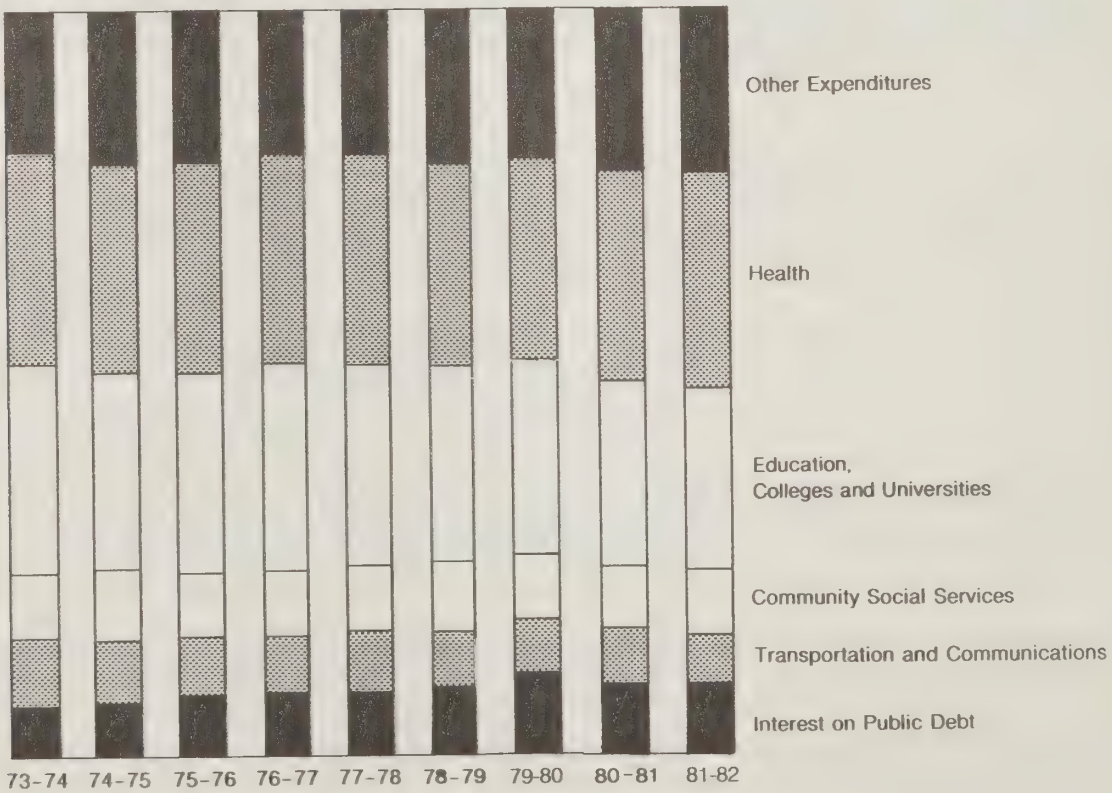
The summary by upper tier presents, for each upper tier group, the aggregate data for upper tier municipalities plus constituent lower tier municipalities, less items where applicable. Metropolitan Toronto is shown first followed by the other restructured two tier areas (counties and districts) each in alphabetical order. This table is useful for analyses based on geographic areas.

Graph 14.A
Relative Importance of Major Revenue Sources, Ontario,
Selected Years, 1973-74 to 1981-82



Refer to Table 14.2

Graph 14.B
Relative Importance of Major Expenditure Functions, Ontario,
Selected Years, 1973-74 to 1981-82



Refer to Table 14.3

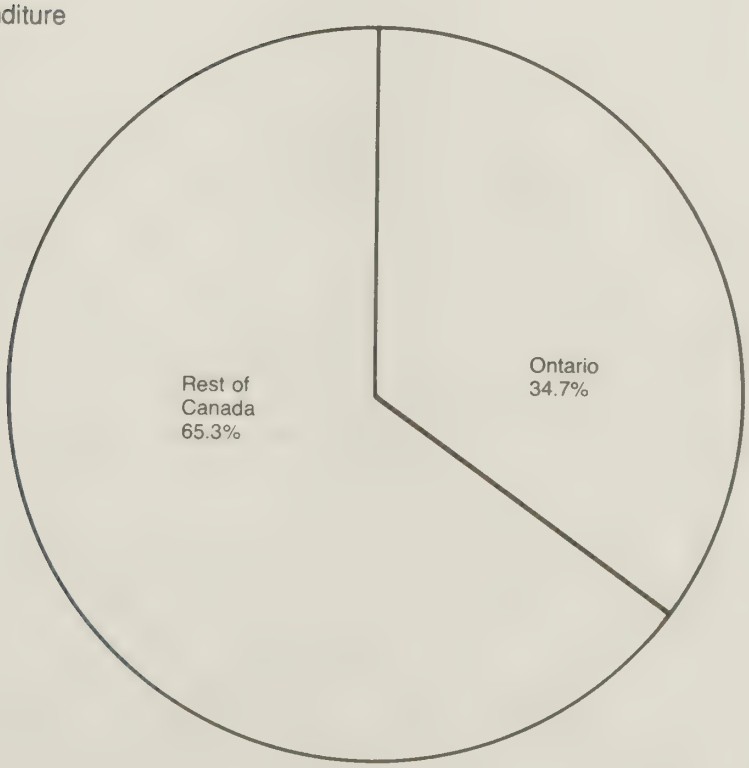
Graph 14.C

The Federal Tax Dollar in Ontario and the Rest of Canada, 1980

Proportion of Revenue



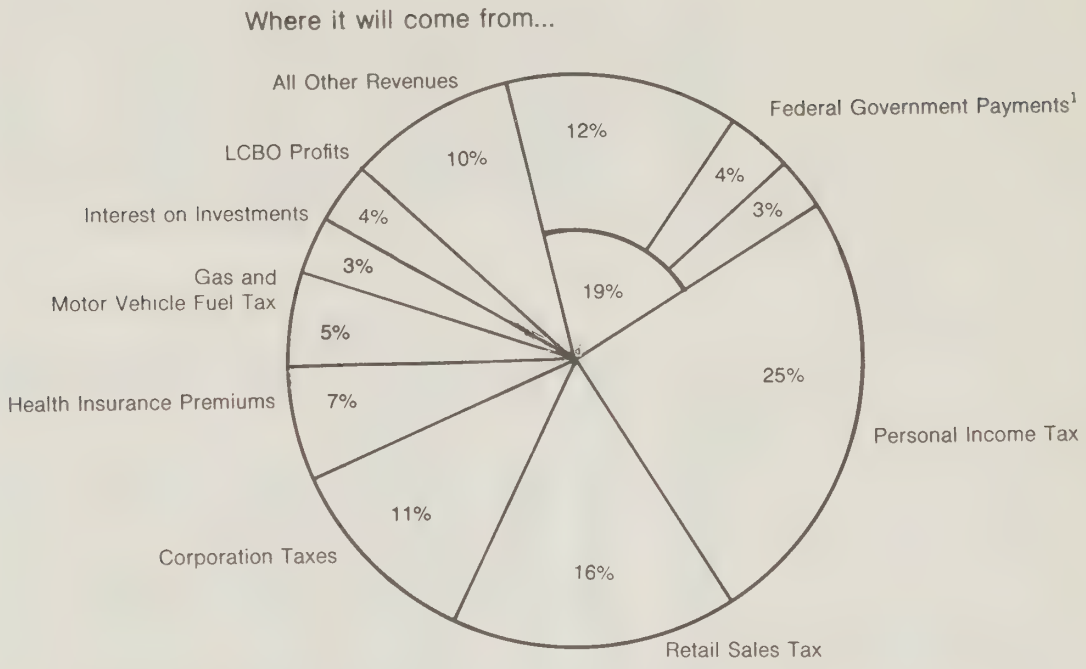
Proportion of Expenditure



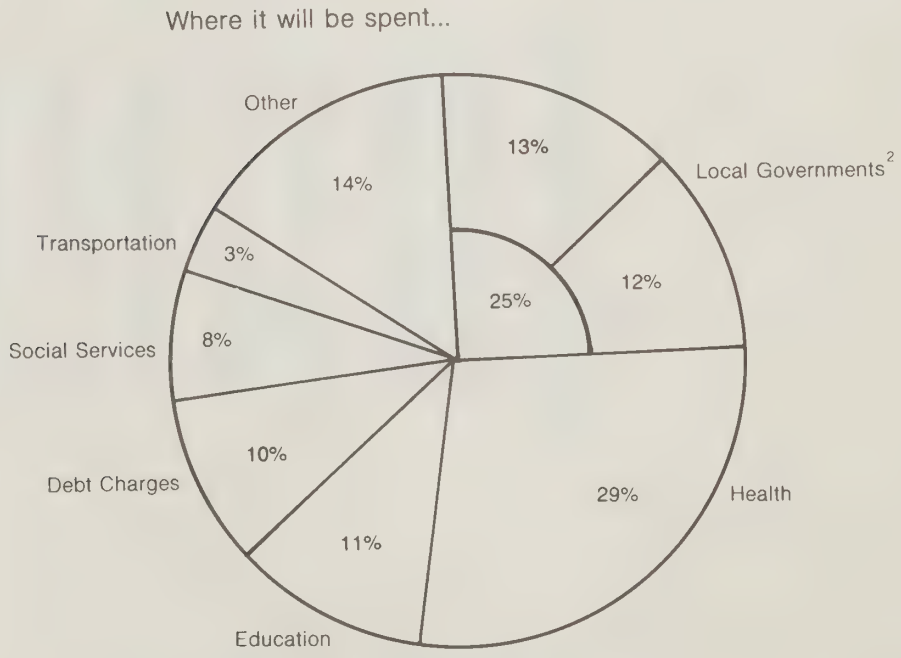
Source: Ontario Budget 1981

Graph 14.D

The Budget Dollar, Ontario, 1981-82 (estimated)



[1]Comprised of: Canada Assistance Plan (4%), Established Programs Financing (12%) and Other Programs (3%)

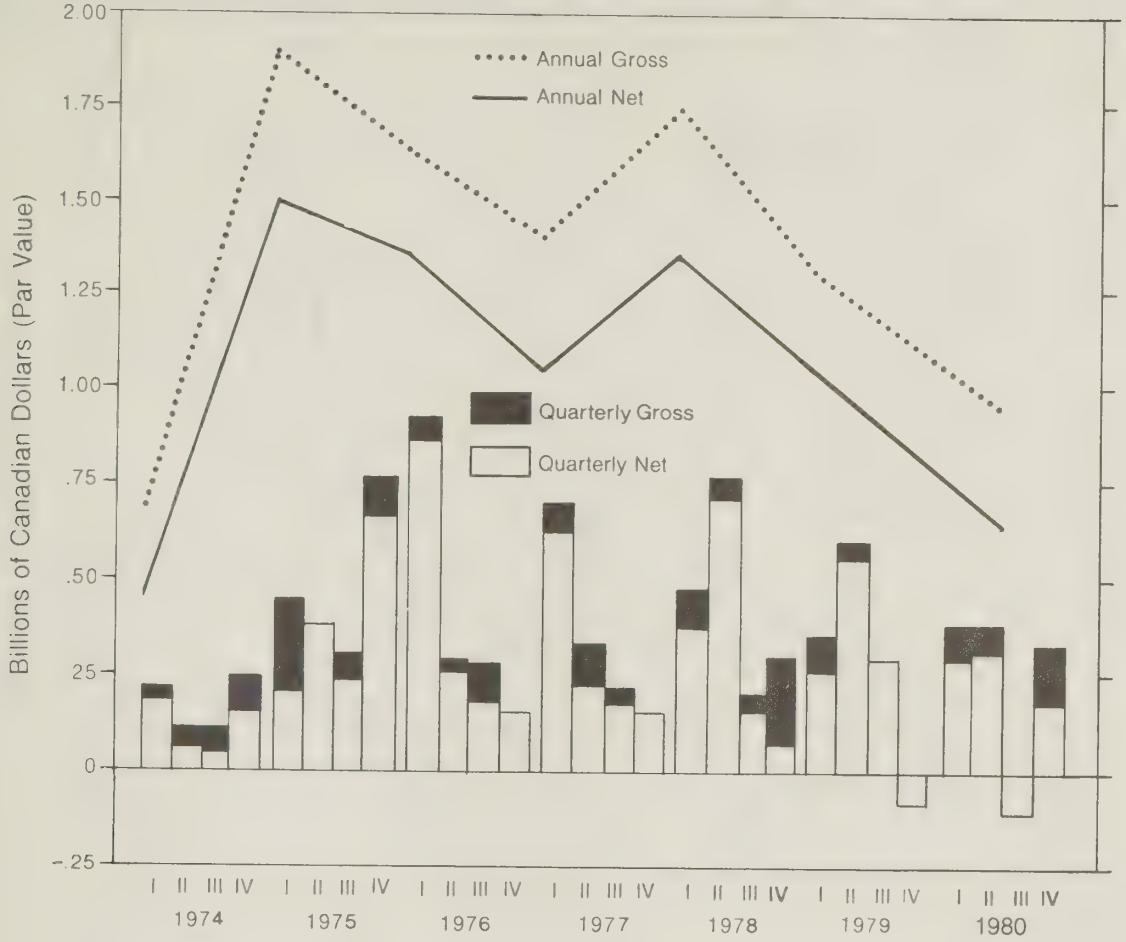


[2]Payments to School Boards (13%) and Municipalities and Local Agencies (12%)

Source: *Ontario Budget* 1981

Graph 14.E

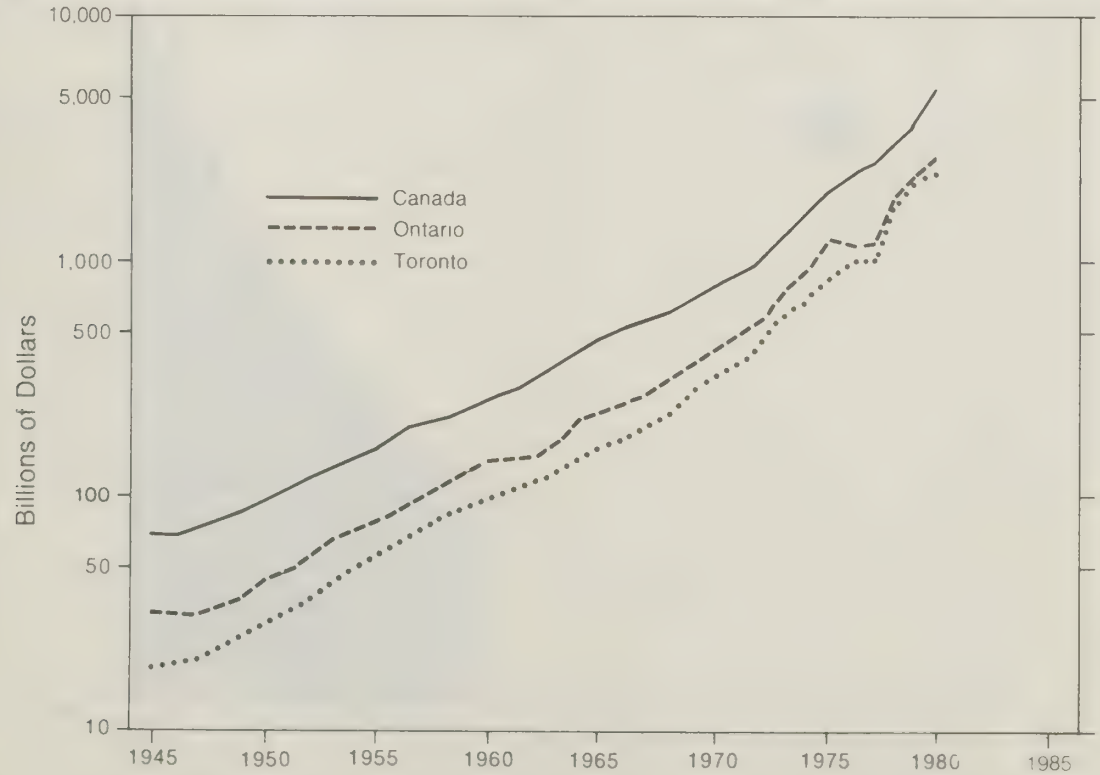
Marketable Bond Issues and Retirements, Ontario, 1974-1980



Refer to Table 14 13

Graph 14.F

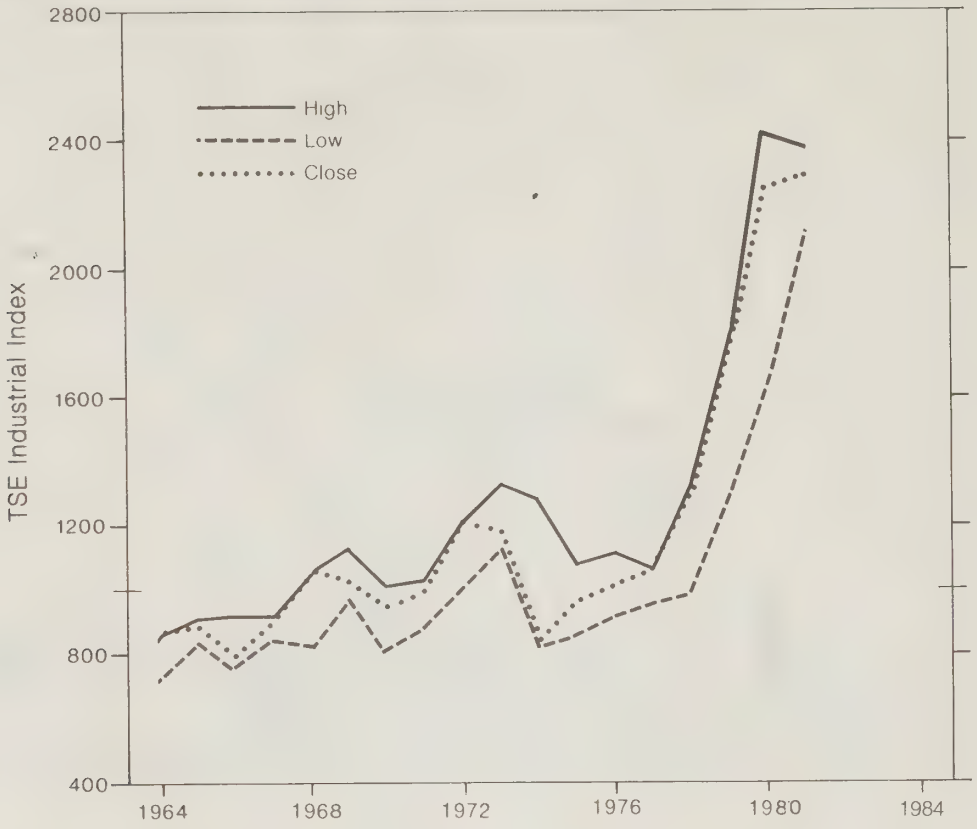
Cheques Cashed Against Individual Accounts, Canada, Ontario and Toronto, 1945-1980



Refer to Table 14 16

Graph 14.G

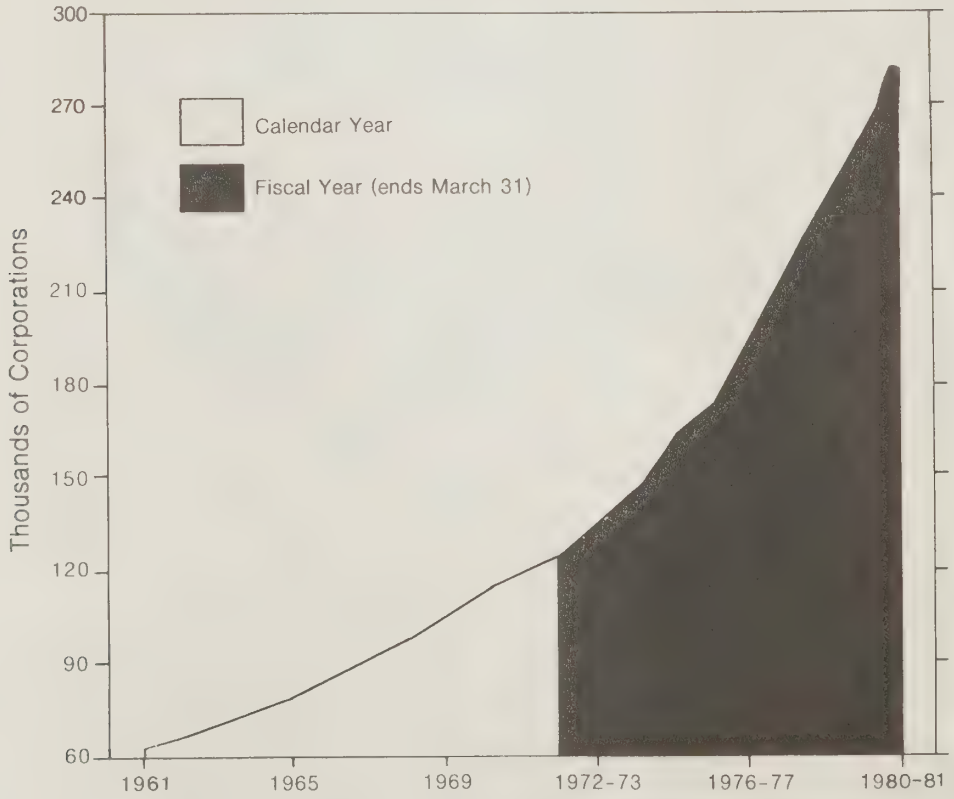
Toronto Stock Exchange – TSE 300 Composite Stock Price Index, 1964-1981



Refer to Table 14.18

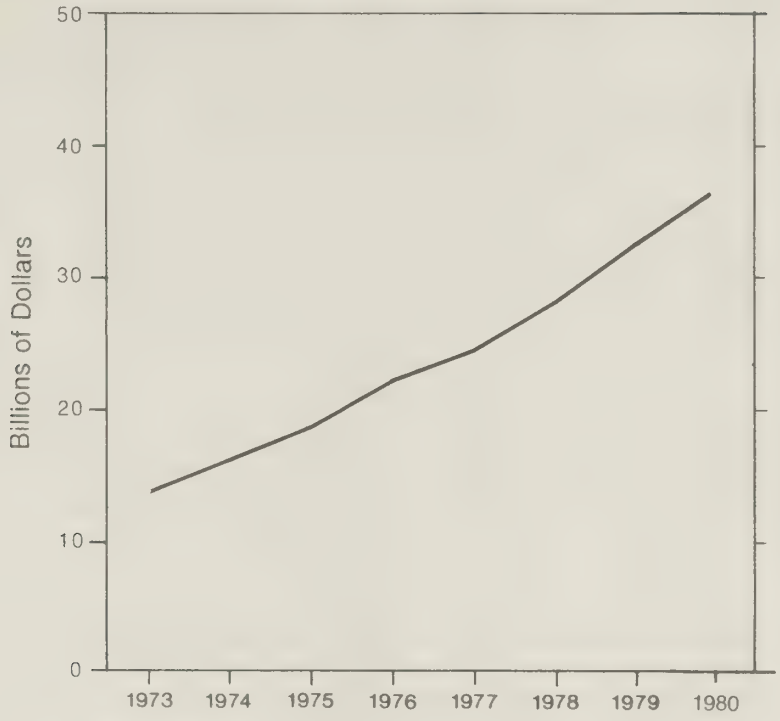
Graph 14.H

Growth in the Number of Corporations, Ontario, 1961 to 1980-81



Refer to Table 14.19

Graph 14.1
Outstanding Balances of Consumer Credit, Canada, 1973-1980



Refer to Table 14.17

Table 14.1
Ten-Year Review, Ontario, 1972-73 to 1981-82

	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80[r]	1980-81[1]	1981-82[2]
					$ Million					
Financial Transactions										
Revenue	6,294	7,177	8,855	9,520	11,148	11,782	13,233	15,246	16,484	18,403
Expenditure	7,038	7,885	9,832	11,319	12,467	13,544	14,413	15,830	17,284	19,400
Net Cash Requirements[3]	744	708	977	1,799	1,319	1,762	1,180	584	800	997
Financial Position										
Funded Debt (excluding Ontario Hydro)	6,300	7,008	7,844	9,818	10,895	12,364	14,037	15,196	16,214	17,401
					$					
Funded Debt per Capita	807[r]	886[r]	974[r]	1,201[r]	1,318[r]	1,480[r]	1,662[r]	1,787	1,892	2,014
					%					
Funded Debt as a Per Cent of Gross Provincial Product	14.5	13.9	13.1	15.2[r]	14.8[r]	15.2[r]	15.8[r]	15.3	14.8	13.9
					Million					
Cumulative Net Borrowing for Ontario Hydro										
U.S.	1,159	1,382	1,710	2,240	2,509	2,901	3,568	3,782	3,690	. .
C.P.P.	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	500	1,000
Contingent Liabilities (mainly Ontario Hydro)[4]	3,070[r]	3,382[r]	3,933[r]	5,147[r]	5,806[r]	6,212[r]	6,734[r]	7,539	. .	. .

1) Interim
2) Estimated
3) Net cash requirements exclude transactions relating to funds borrowed on behalf of Ontario Hydro
4) Excludes Hydro Bonds held as an investment

Source: Ministry of Treasury and Economics

Table 14.2
Budgetary Revenue, Ontario, 1976-77 to 1981-82

	1976–77	1977–78	1978–79	1979–80[r]	1980-81[1]	1981-82[2]
			$ Million			
Taxation	6,006	6,652	6,947[r]	8,558	9,449	10,830
Personal Income Tax[3]	1,782	2,447	2,735	3,183	3,578	4,380
Federal Revenue Guarantees	496	210	44	–	10	–
Corporation Taxes:						
Income Tax	789	743	964	1,247	1,397	1,515
Capital & Insurance Premiums Taxes	213	271	314	369	395	447
Retail Sales Tax	1,775	1,926	1,717	2,414	2,562	2,831
Gasoline Tax	508	523	539	610	618	752
Motor Vehicle Fuel Tax	79	85	94	128	133	153
Reciprocal Taxation	. . .	22	41[r]	36	51	57
Mining Profits Tax	42	23	42	100	161	140
Tobacco Tax	157	206	258	274	284	343
Succession Duty[4]	62	73	63	47	25	5
Land Transfer Tax	52	62	67	95	101	110
Land Speculation Tax[5]	6	7	5	–	–	–
Race Tracks Tax	41	43	46	51	55	60
Income Tax — Public Utilities	5	8	15	–	75	34
Other Taxation	–1	3	3	4	4	3
Other Revenue	1,827	1,968	2,200	2,935	3,140	3,331
Premiums — OHIP	799	830	977	1,037	1,059	1,194
LCBO Profit	302	327	356	400	433	621
Vehicle Registration Fees	223	267	301	310	323	340
Other Fees and Licences	202	219	244	264	288	186[6]
Ontario Lottery Profits	76	71	46	62	116	122
Fines & Penalties	51	59	62	68	73	77
Royalties	42	49	57	70	76	78
Sales & Rentals	39	42	45	49	61	64
Utility Service Charges	36	48	55	56	64	60
Miscellaneous	57	56	57	129	105	105
Payments from the Federal Government	2,236	2,040	2,747[r]	2,721	2,974	3,297
Interest on Investments	445	439	428	490	542	484
Total Budgetary Revenue	10,514	11,099	12,322	14,214	15,563	17,458

1) Interim.
2) Estimated.
3) Net of tax credits of $418 million, $424 million, $434 million, $455 million, $460 million and $260 million for the 1976-77, 1977-78, 1978-79, 1979-80, 1980-81 and 1981-82 fiscal years.
4) Repealed April 10, 1979.
5) Repealed in November 1978.
6) LLBO revenues transferred to LCBO.

Source: Ministry of Treasury and Economics

Table 14.3
Budgetary Expenditure by Policy Field and Ministerial Responsibility, Ontario, 1976-77 to 1981-82

	1976-77	1977-78	1978-79	1979-80	1980-81[1]	1981-82[2]
			$ Million			
Social Development Policy	7,672	8,561	9,154[r]	9,825	10,742	12,036
Health	3,350	3,628	3,955	4,269	4,860	5,531
Education	1,986	2,342	2,390	2,563	2,604	2,973
Colleges & Universities	1,158	1,259	1,372	1,446	1,542	1,672
Community & Social Services	1,034	1,140	1,228	1,342	1,529	1,653
Culture & Recreation	144	192	207	202	204	203
Social Secretariat	. .	. .	2[r]	3	3	4
Resources Development Policy	1,655	1,822	1,885[r]	2,031	2,337	2,447
Transportation & Communications	917	1,034	1,069	1,138	1,210	1,254
Natural Resources	234	243	247	280	348	322
Housing	157	172	167	196	249	288
Agriculture & Food	165	170	174	159	184	191
Environment	99	114	122	135	184	202
Industry & Tourism	56	53	60	68	81	87
Labour	23	29	34	41	52	56
Energy	4	7	9	11	26	44
Resources Secretariat	. .	. .	3[r]	3	3	3
Justice Policy	428	463	502[r]	549	624	653
Solicitor General	144	153	168	186	209	225
Correctional Services	107	118	130	137	157	163
Attorney General	116	129	140	157	182	184
Consumer & Commercial Relations	61	63	63	68	75	80
Justice Secretariat	. .	. .	1[r]	1	1	1
General Government	1,098	1,041	1,142[r]	1,533	1,548	1,836
Intergovernmental Affairs	461	392	511	685	461	655
Government Services	296	270	253	329	284	294
Revenue[3]	198	195	194	194	487	522
Northern Affairs	87	113	125	137	157	156
Treasury & Economics	19	19	20	22	21	23
EDF[4]	–	–	–	128	82	–
BILD[5]	–	–	–	–	–	135
Board of Internal Economy[6]	20	34	28	26	43	36
Legislative and Executive Offices[7]	–	–	3	3	3	3
Management Board	8	8	8	9	10	12
Other	10	10	–	–	–	–
Public Debt – Interest	890	1,033	1,230	1,408	1,597	1,823
Contingency Fund	–	–	–	–	–	185
Total Budgetary Expenditure	11,743	12,920	13,913	15,346	16,848	18,980

1) Interim.
2) Estimated.
3) Includes Property and Sales Tax Grants for Ontario Pensioners in 1980-81 and 1981-82.
4) Employment Development Fund.
5) Board of Industrial Leadership and Development.
6) Comprises Provincial Auditor, Ombudsman and Assembly; Assembly and Ombudsman only are included under this entry in 1976-77 and 1977-78.
7) Comprises Premier's Office, Cabinet Office and Lieutenant Governor; included in other in 1976-77 and 1977-78.

Source: Ministry of Treasury and Economics.

Table 14.4
Municipal Revenue Fund, Revenues, Ontario 1968-1979

	Taxation[1]			
	Residential and Farm	Commercial, Industrial and Business	Special Charges	Total
		$'000's		
1968	735,845	516,996	29,411	1,282,252
1969	835,568	571,752	30,974	1,438,294
1970	929,751	634,108	32,921	1,596,780
1971	953,784	658,155	38,143	1,650,082
1972	1,004,035	698,818	41,546	1,744,399
1973	1,025,704	721,882	40,071	1,787,728
1974	1,127,903	812,724	41,638	1,982,265
1975	1,321,828	967,936	61,325	2,351,089
1976	1,543,066	1,143,678	75,832	2,762,876
1977	875,030	662,470	125,173	1,662,673
1978	941,300	699,159	145,377	1,785,809
1979	1,042,853	761,065	162,664	1,966,581

Table 14.4 (cont'd)

	Payments in Lieu of Taxes	Ontario Grants	Other Revenue	Total Revenue
		$'000's		
1968	47,504	226,367	92,358	1,648,481
1969	55,001	239,402	109,878	1,842,575
1970	62,863	292,924	121,958	2,074,525
1971	65,958	364,600	143,457	2,224,097
1972	73,038	398,654	160,483	2,376,574
1973	80,758	528,745	167,460	2,564,691
1974	95,638	638,337	209,283	2,925,523
1975	121,275	964,794	297,756	3,734,914
1976	144,130	1,003,198	368,162	4,278,366
1977	144,516	1,031,856	862,975	3,702,020
1978	161,280	1,118,286	1,031,365	4,096,753
1979	168,058	1,341,406	1,139,060	4,615,102

1) Includes taxation revenue of school boards.
2) Includes Children's Aid Societies, District Welfare Boards, Homes for Aged and Public Health Units.
3) Includes Conservation Authorities.

Source: Ministry of Intergovernmental Affairs, Municipal Budgets and Accounts Branch.

Table 14.5
Municipal Revenue Fund, Expenditures, Ontario, 1968-1979

		Protection				Transportation			
	General Government	Fire	Police	Other	Total	Roads	Transit	Other	Total
					$'000's				
1968	131,484	65,943	88,368	31,221	185,532	262,199	20,200	41,526	323,925
1969	153,387	78,878	103,883	33,769	214,530	269,295	21,300	44,930	335,525
1970	52,360	88,151	123,317	37,121	248,589	298,319	23,400	51,214	372,933
1971	173,716	98,549	143,976	42,419	284,944	337,749	29,900	62,262	429,911
1972	187,061	111,802	163,566	47,604	322,972	354,695	37,500	66,309	458,504
1973	196,619	124,308	188,796	52,955	366,059	370,697	56,600	73,027	500,324
1974	243,648	144,784	227,768	60,720	433,272	400,258	81,764	78,529	560,551
1975	272,545	176,949	284,256	83,457[1]	544,662	453,924	114,502	74,705	643,131
1976	311,278	195,454	327,548	79,740	602,742	486,279	108,189	82,245	676,713
1977[5]	365,040	218,384	373,007	61,696	653,087	607,362	347,523	58,536	1,013,421
1978	430,175	235,675	407,831	67,657	711,163	626,402	381,035	74,395	1,081,832
1979	457,399	259,789	444,857	107,748	1,269,793	664,376	398,774	78,796	1,141,946

Table 14.5 (cont'd)

	Environment					Health And Social	Recreation	Planning	Total Expenditure
	Sewage	Solid Waste	Water	Other	Total				
					$'000's				
1968	68,955	39,125	...	...	108,080	140,072	90,447	15,328	994,868
1969	74,248	42,856	...	...	117,104	157,538	103,305	16,982	1,098,371
1970	79,563	47,526	...	...	127,089	211,971	120,313	19,271	1,252,526
1971	89,012	53,716	...	...	142,728	266,555	141,180	25,342	1,464,376
1972	101,283	59,543	...	...	160,826	264,400	165,474	29,300	1,588,537
1973	114,259	66,983	...	...	181,242	275,581	196,026	33,869	1,749,720
1974	128,329	79,268	...	...	207,596	327,601	229,535	43,707	2,045,910
1975	188,031	89,213	...	...	277,244	544,418[2]	317,665[3]	73,873	2,673,538
1976	218,212	99,444	...	...	317,656	584,211	369,899	84,304	2,946,803
1977[5]	229,658	109,192	212,094[4]	12,904	563,848	566,676	445,949	107,016	3,715,037
1978	254,580	121,826	234,493	15,077	625,976	640,923	484,862	114,728	4,089,658
1979	297,652	142,887	252,870	...	693,409	824,598	513,762	128,128	4,571,636

1) Includes Conservation Authorities.
2) Includes Children's Aid Societies, District Welfare Boards, Homes for Aged and Public Health Units.
3) Includes Library Boards, Arenas and other Recreation Boards.
4) The consolidation in 1977 of all municipal water systems has resulted in the addition of a separate reporting category for this function. Previously, municipal spending on water services was included with "Environmental Services."
5) Further consolidation of local boards and municipal enterprises, particularly transit operations, libraries and waterworks systems, may distort comparisons of the operations between 1976 and 1977.

Source: Ministry of Intergovernmental Affairs, Municipal Budgets and Accounts Branch.

Table 14.6
Federal Government Payments to Ontario, 1976-77 to 1981-82

	1976–77	1977–78	1978–79	1979–80	1980–81[1]	1981-82[2]
			$ Million			
Established Programs Financing[3]	–	1,233	1,605	1,817	1,934	2,147
Hospital Insurance	1,027	29	28	47	–	9
Medical Care	360	8	–	–	–	–
Canada Assistance Plan	472	416	418	481	547	582
Extended Health Care Services[4]	–	167	188	208	230	256
Post-Secondary Education Payments	190	–	–	–	–	–
Adult Occupational Training	80	76	105	93	114	115
Bilingualism Development	37[r]	31	50	4	34	35
Economic Development	14	21	13	9	9	17
Vocational Rehabilitation	10	11	11	13	15	17
Economic Stimulation[5]	. . .	. . .	288	2	–	–
Other Federal Payments	46[r]	48	41[r]	30	34	30
Community Service Contribution Program	–	–	–	–	35	60
Total Payments	2,236	2,040	2,747[r]	2,721	2,974	3,297
Annual Per Cent Increase	15.9	(8.8)	34.7	(1.0)	9.3	10.9
Federal Payments as a Per Cent of Ontario Revenue	21.3	18.4	22.3	19.1	19.1	18.9

1) Interim
2) Estimated
3) Replaces former transfers for Hospital Insurance, Medical Care, Post-Secondary Education, and Revenue Guarantees effective April 1, 1977.
4) Replaces a portion of shared-cost expenses previously paid under the Canada Assistance Plan.
5) Federal share of the joint Federal-Provincial economic stimulus program which reduced the rate of the retail sales tax from 7 per cent to 4 per cent from the period April 11 to October 7, 1978.
6) Other Federal Payments include Crop Insurance and Indian Welfare Payments.

Source: Ministry of Treasury and Economics.

Table 14.7
Government[1] Revenue, Expenditure and Surplus or Deficit on a National Accounts Basis, Ontario, Selected Years, 1972-1979

	1972	1973	1974	1975	1976[r]	1977[r]	1978[r]	1979
				$ Million				
Revenue[2]	20,516	23,183	27,775	30,454	34,857	37,526	40,346	45,267
Direct Taxes, Persons	6,270	7,093	8,469	9,402	10,864	11,533	12,023	13,422
Direct Taxes Corporations[3]	1,807	2,233	2,949	2,979	2,685	2,531	3,102	3,830
Direct Taxes Non-residents, Federal	175	213	262	271	294	311	339	440
Indirect Taxes	6,239	7,120	8,372	8,450	10,048	11,118	11,803	13,351
Other Current Transfers from Persons	659	687	738	730	969	1,073	1,228	1,319
Investment Income	1,385	1,576	1,912	2,281	2,660	3,108	3,621	4,167
Current Transfers from Other Levels of Government[2]	3,981	4,261	5,073	6,341	7,337	7,852	8,230	8,738
Current Expenditure[2]	17,806	19,807	23,701	29,179	32,891	36,466	40,080	43,483
Current Expenditure on Goods and Services	8,331	9,302	10,871	13,069	14,573	16,393	17,564	18,674
Transfer Payments to Persons	3,328	3,685	4,562	5,696	6,232	6,912	7,842	8,297
Subsidies	202	249	493	720	661	676	721	905
Capital Assistance	82	78	71	152	170	169	169	134
Current Transfers to Non-residents	–	–	–	–	–	–	–	–
Interest on Public Debt	1,882	2,232	2,631	3,201	3,918	4,464	5,554	6,735
Current Transfers to Other Levels of Government[2]	3,981	4,261	5,073	6,341	7,337	7,852	8,230	8,738
Savings[4]	2,710	3,376	4,074	1,275	1,966	1,060	266	1,784
Surplus or Deficit Saving as above:								
Add: Capital Consumption Allowance	515	587	736	860	954	1,062	1,176	1,337
Deduct: Gross Capital Formation	1,363	1,396	1,796	1,905	1,832	1,903	1,983	1,997
Equals: Surplus(+) or Deficit(–)	+1,862	+2,567	+3,014	+230	+1,088	+219	–514	+1,124

1) Includes federal, provincial and local levels of government.
2) For an accurate figure for total revenue and expenditure, the current transfers to other levels of government should be subtracted.
3) Includes corporate and government business enterprises.
4) Total revenue less total expenditure.

Source: S.C., *Provincial Economic Accounts*, (13-213).

Table 14.8
Municipal Revenue Fund, Expenditures, by Upper Tier[1], Ontario 1979

	General Government	Protection			Transportation	Environment
		Fire	Police	Other		
			$000's			
Regional Governments						
Metropolitan Toronto	131,818	87,389	185,931	30,730	407,743	212,049
Durham	15,165	8,401	12,700	3,910	27,850	21,815
Haldimand-Norfolk	3,956	1,226	2,772	1,412	9,940	20,097
Halton	8,664	5,205	10,019	3,919	20,575	17,550
Hamilton-Wentworth	21,629	13,121	25,689	5,300	50,574	42,600
Niagara	16,478	9,758	19,201	2,799	37,715	33,553
Ottawa-Carleton	40,176	21,626	29,742	5,732	100,723	45,913
Peel	17,455	13,204	21,876	6,219	39,494	41,501
Sudbury	14,813	3,915	7,721	2,374	20,527	16,598
Waterloo	31,420	11,512	15,206	4,970	29,566	21,886
York	9,464	3,992	9,864	3,881	21,609	17,106
Muskoka	2,021	448	–	226	6,496	2,515
Oxford	3,484	1,923	2,609	743	9,746	5,520
Total	316,544	181,720	343,333	72,215	782,559	483,512
Counties						
Brant	3,277	3,379	4,343	1,532	11,430	6,704
Bruce	3,320	634	1,026	769	10,012	3,357
Dufferin	1,237	258	743	258	3,805	1,087
Elgin	2,531	1,567	1,572	806	8,848	3,754
Essex	16,693	9,404	16,795	2,587	32,006	28,426
Frontenac	4,356	3,577	3,575	1,128	11,766	6,829
Grey	2,828	1,477	1,528	1,196	10,437	4,246
Haliburton	901	142	–	105	2,836	421
Hastings	3,573	2,636	3,266	1,213	14,652	7,691
Huron	2,582	536	989	802	9,028	2,773
Kent	5,921	2,714	3,392	1,904	11,283	8,416
Lambton	5,801	3,361	4,075	3,040	14,168	10,140
Lanark	1,898	753	1,004	246	6,222	2,764
Leeds and Grenville	3,078	1,485	1,856	617	8,193	4,089
Lennox and Addington	1,529	392	266	523	4,256	1,369
Middlesex	12,133	10,063	12,605	3,339	30,460	26,867
Northumberland	2,420	789	1,243	920	7,774	4,013
Perth	2,785	1,758	2,009	749	7,631	3,279
Peterborough	5,358	2,808	3,310	1,042	11,134	5,950
Prescott & Russell	3,023	603	456	428	5,564	1,933
Prince Edward	836	310	258	304	2,059	921
Renfrew	3,707	1,572	1,637	230	9,017	4,173
Simcoe	9,100	4,003	5,636	1,853	20,419	12,917
Stormont, Dundas and Glengarry	4,694	2,143	2,582	1,688	12,618	6,971
Victoria	1,971	512	724	291	6,168	1,982
Wellington	4,483	3,456	4,133	1,997	13,383	5,915
Total	110,035	60,333	79,025	29,567	285,169	166,989
Districts						
Algoma	5,952	3,805	5,196	1,635	13,437	7,968
Cochrane	4,321	2,612	2,850	1,094	10,826	6,114
Kenora	2,374	940	1,356	174	4,985	4,022
Manitoulin	545	80	1	35	1,137	246
Nipissing	3,104	2,574	3,731	1,183	9,127	6,035
Parry Sound	1,521	530	234	140	4,286	1,419
Rainy River	1,540	458	1,180	42	2,935	1,593
Sudbury	1,360	230	299	52	1,779	1,039
Thunder Bay	7,697	5,564	6,823	1,479	19,726	11,187
Timiskaming	2,406	943	829	132	5,980	3,283
Total	30,820	17,736	22,499	5,966	74,218	42,908
Provincial Total	457,399	259,789	444,857	107,748	1,141,946	693,409

Table 14.8 (cont'd.)
Municipal Revenue Fund, Expenditures, by Upper Tier[1], Ontario 1979

	Health and Social	Culture and Recreation	Planning	Total Expenditures	In Year Surplus (Deficit)
			$000's		
Regional Governments					
Metropolitan Toronto	270,152	188,115	26,021	1,539,949	28,274
Durham	24,970	15,794	4,228	134,833	(2,268)
Haldimand-Norfolk	7,721	3,126	1,395	36,454	88
Halton	13,625	14,575	2,037	96,168	105
Hamilton-Wentworth	44,290	23,586	7,884	234,672	(67)
Niagara	31,255	16,604	4,702	172,069	1,212
Ottawa-Carleton	66,687	36,525	13,997	361,122	608
Peel	22,689	23,607	4,266	190,310	1,212
Sudbury	17,293	9,162	2,714	95,117	233
Waterloo	21,758	17,215	3,505	157,040	3,233
York	12,159	11,800	2,371	92,246	1,774
Muskoka	4,387	1,618	589	18,301	283
Oxford	6,277	3,697	1,651	35,652	581
Total	543,264	365,426	75,360	3,163,935	35,262
Counties					
Brant	10,370	6,270	1,096	48,401	900
Bruce	4,409	2,910	915	27,351	132
Dufferin	2,645	979	413	11,426	49
Elgin	5,823	2,194	1,301	28,396	(400
Essex	25,333	15,772	4,969	151,987	807
Frontenac	12,232	5,502	1,769	50,734	979
Grey	6,201	3,398	1,076	32,387	(122
Haliburton	1,344	601	120	6,470	(18
Hastings	9,855	4,242	1,560	48,688	372
Huron	5,304	2,607	1,769	26,387	406
Kent	7,966	4,521	2,650	48,770	579
Lambton	11,616	6,520	4,227	62,949	(456
Lanark	5,080	1,604	763	20,336	32
Leeds and Grenville	6,270	2,559	680	28,828	375
Lennox and Addington	2,662	1,158	657	12,811	214
Middlesex	24,469	13,289	3,760	136,988	1,479
Northumberland	6,081	2,129	728	26,098	104
Perth	4,376	2,944	2,303	27,835	(270
Peterborough	8,259	4,030	880	42,771	221
Prescott and Russell	5,639	2,704	853	21,204	(179
Prince Edward	1,409	556	264	6,917	(207
Renfrew	9,708	3,429	982	34,454	663
Simcoe	11,718	8,235	2,816	76,697	397
Stormont, Dundas and Glengarry	8,014	4,629	3,110	46,446	1,005
Victoria	3,351	1,888	611	17,500	(29
Wellington	9,281	6,138	1,554	50,340	120
Total	209,416	110,809	41,826	1,093,169	6,991
Districts					
Algoma	12,296	6,576	2,380	59,247	2,195
Cochrane	10,858	5,147	1,126	44,946	230
Kenora	7,166	2,312	1,153	24,485	(379
Manitoulin	1,207	570	202	4,022	(14
Nipissing	8,353	3,983	818	38,909	(499
Parry Sound	3,679	1,228	273	13,311	(75
Rainy River	3,285	1,676	525	13,235	13
Sudbury	798	1,291	189	7,036	(66
Thunder Bay	20,591	12,550	3,330	88,947	(118
Timiskaming	3,684	2,193	947	20,397	(68
Total	71,917	37,527	10,942	314,533	1,212
Provincial Total	824,598	513,762	128,128	4,571,636	43,466

1) See definitions for explanation of "upper tier".

Source: Ministry of Intergovernmental Affairs, Municipal Budgets and Accounts Branch.

Table 14.9

Municipal Revenue Fund, Revenues, by Upper Tier[1], Ontario 1979

	Taxation	Payments in Lieu of Taxes	Ontario Grants	Other	Total Revenue
			$000's		
Regional Governments					
Metropolitan Toronto	696,690	62,435	338,033	471,057	1,568,223
Durham	60,714	2,156	38,949	30,746	132,565
Haldimand-Norfolk	15,489	746	12,368	7,939	36,542
Halton	50,799	1,507	24,950	19,017	96,273
Hamilton-Wentworth	118,411	6,161	67,344	42,689	234,605
Niagara	81,528	4,905	54,040	32,808	173,281
Ottawa-Carleton	135,854	44,117	99,764	81,995	361,730
Peel	92,891	6,890	42,816	48,925	191,522
Sudbury	35,412	1,401	41,692	16,845	95,350
Waterloo	68,808	3,381	41,057	47,027	160,273
York	42,448	683	26,543	24,346	94,020
Muskoka	7,515	169	7,795	3,105	18,584
Oxford	17,366	389	10,937	7,541	36,233
Total	1,423,933	134,937	806,287	834,041	3,199,197
Counties					
Brant	20,384	777	16,396	11,744	49,301
Bruce	9,308	398	11,888	5,725	27,319
Dufferin	4,276	195	4,493	2,511	11,475
Elgin	10,384	424	10,740	6,448	27,996
Essex	70,099	3,676	41,369	37,650	152,794
Frontenac	18,544	2,698	19,164	11,307	51,713
Grey	11,853	508	13,666	6,238	32,265
Haliburton	2,233	128	3,221	870	6,452
Hastings	16,658	1,089	19,483	11,830	49,060
Huron	8,512	271	11,233	6,777	26,793
Kent	21,574	604	16,480	10,691	49,349
Lambton	27,584	934	19,128	14,847	62,493
Lanark	6,014	314	9,338	4,702	20,368
Leeds and Grenville	11,022	637	11,786	5,758	29,203
Lennox and Addington	3,980	461	5,806	2,778	13,025
Middlesex	55,965	4,349	43,623	30,530	138,467
Northumberland	8,375	903	10,780	6,144	26,202
Perth	11,693	373	9,198	6,301	27,565
Peterborough	19,522	976	13,589	8,905	42,992
Prescott and Russell	7,070	175	9,501	4,279	21,025
Prince Edward	2,166	115	3,260	1,169	6,710
Renfrew	10,517	1,620	15,696	7,284	35,117
Simcoe	35,336	1,328	23,250	17,180	77,094
Stormont, Dundas and Glengarry	16,441	1,809	19,035	10,166	47,451
Victoria	6,133	279	7,428	3,631	17,471
Wellington	21,812	1,119	17,429	10,100	50,460
Total	441,455	26,160	386,983	245,562	1,100,160
Districts					
Algoma	22,004	1,193	27,877	10,365	61,439
Cochrane	13,217	865	22,598	8,496	45,176
Kenora	6,852	493	11,140	5,621	24,106
Manitoulin	859	37	2,179	933	4,008
Nipissing	11,947	1,090	18,188	7,185	38,410
Parry Sound	3,379	80	7,192	2,585	13,236
Rainy River	3,818	161	6,053	3,216	13,248
Sudbury	2,577	67	3,070	1,256	6,970
Thunder Bay	30,663	2,413	39,120	16,632	88,828
Timiskaming	5,878	562	10,718	3,171	20,329
Total	101,193	6,960	148,135	59,457	315,745
Provincial Total	1,966,581	168,058	1,341,406	1,139,060	4,615,102

1) See definitions for explanation of "upper tier".

Source: Ministry of Intergovernmental Affairs, Municipal Budgets and Accounts Branch.

Table 14.10
Municipal Capital Fund, Ontario, 1968-1979

	Applications										
									Transfers		
	General Government	Protection	Transport-ation	Environ-ment	Health and Social	Recreation	Planning	Total Own Applications	Enterprises	Other	Total Capital Outlay
						$'000's					
1968	9,280	8,359	191,421	64,365	10,433	23,175	23,901	330,934	37,742	21,500	390,176
1969	16,852	12,720	175,318	50,093	10,832	22,684	29,320	317,819	39,948	13,614	371,381
1970	12,108	11,620	201,789	49,121	11,122	28,852	25,498	340,110	34,099	17,140	391,349
1971	8,790	18,195	248,364	83,815	11,870	41,495	20,829	433,358	37,388	16,479	487,225
1972	23,281	23,126	259,806	80,294	22,715	69,220	22,353	500,795	27,763	21,861	550,419
1973	23,353	22,618	275,659	89,222	12,105	71,643	21,929	516,529	65,990	29,584	612,103
1974	23,816	32,438	343,872	124,720	13,563	120,099	27,035	685,543	50,616	35,941	772,101
1975	46,085	30,861	408,666	250,341	23,211	140,816	68,346	968,326	50,099	-[2]	1,018,425
1976	42,376	39,014	399,769	233,654	28,124	124,972	74,387	942,296	91,812	-[2]	1,034,108
1977[r]	37,764	38,524	449,238	310,597	42,914	146,528	80,657	1,106,222	-[4]	-[4]	1,106,222
1978	61,412	45,879	441,888	355,313	57,753	137,839	95,359	1,195,441	-[4]	-[4]	1,195,441
1979	74,192	38,636	436,557	353,486	60,500	128,988	106,204	1,198,563	-[4]	-[4]	1,198,563

Table 14.10 (cont'd)

	Sources							Balance[1]	
	Revenue Fund	Reserves and Reserve Funds	Ontario Grants	Other Sources	Debt Incurred: Government	Debt Incurred: Public	Total Sources	In Year	Accumulated at Year End
					$'000's				
1968	57,730	24,516	59,914	32,554	27,802	137,344	339,860	(50,316)	(148,642)
1969	65,170	30,022	74,821	38,317	30,053	132,789	371,172	(209)	(148,840)
1970	72,385	30,585	90,148	41,537	30,738	156,782	422,175	30,826	(121,655)
1971	87,320	46,081	104,977	41,213	50,269	171,286	501,246	13,921	(107,501)
1972	102,586	49,883	109,970	57,131	49,482	176,241	545,293	(5,126)	(107,708)
1973	109,694	64,959	126,873	58,126	53,665	201,279	614,596	2,493	(104,728)
1974	115,626	80,867	171,969	62,223	52,556	167,162	650,402	(121,699)	(222,485)
1975	148,322	78,219	267,748	86,798	92,330	241,973	915,390	(103,035)	(325,831)
1976	148,873	93,766	284,161	105,465	93,000[3]	454,072[3]	1,179,337	145,230	(181,568)
1977[r]	192,841	126,854	316,708	144,102	461,016		1,241,521	135,299	(76,993)[5]
1978[r]	209,673	154,893	300,986	154,000	266,661		1,086,213	(109,228)	(183,467)
1979	229,784	194,869	327,488	147,634	314,219		1,213,994	15,431	(169,815)

1) Unexpected financing is shown without brackets; unfinanced expenditures are shown in brackets.
2) Transfers to local boards included in "functional" classification.
3) Breakdown is estimated.
4) Now reported by a municipality as gross expenditures under the appropriate function (transfer to:) reported as "other revenue" (transfer from)
5) Accumulated balance is higher than indicated from 1976 figures due to the consolidation of local boards and municipal enterprises, particularly water and transit systems.

Table 14.11
Municipal Capital Fund, by Upper Tier[1], Ontario, 1979

	Total Capital Outlay	Sources	Balance[2]	
		Total	In Year	Accumulated At Year End
		$'000's		
Regional Governments				
Metropolitan Toronto	307,195	333,888	26,693	(17,166)
Durham	50,364	56,045	5,681	(5,677)
Haldimand-Norfolk	11,716	9,901	(1,815)	(2,338)
Halton	29,684	37,179	7,495	(6,893)
Hamilton-Wentworth	49,888	65,204	15,316	29,513
Niagara	44,660	44,259	(401)	(8,706)
Ottawa-Carleton	80,215	68,908	(11,307)	(46,183)
Peel	73,690	74,046	356	15,042
Sudbury	17,350	13,373	(3,977)	(12,415)
Waterloo	41,941	37,103	(4,838)	(3,855)
York	37,015	39,992	2,977	(4,356)
Muskoka	6,163	5,921	(242)	(1,354)
Oxford	12,595	12,917	322	(4,919)
Total	762,473	798,735	36,262	(69,307)
Counties				
Brant	13,093	10,040	(3,053)	(6,853)
Bruce	7,252	9,140	1,888	(1,160)
Dufferin	3,030	2,378	(652)	(971)
Elgin	6,609	6,551	(58)	(1,345)
Essex	49,034	35,139	(13,895)	(16,703)
Frontenac	14,877	10,099	(4,778)	(8,545)
Grey	8,245	8,989	744	(2,558)
Haliburton	2,525	2,545	20	(161)
Hastings	10,801	10,949	148	(1,645)
Huron	9,239	9,566	327	(1,235)
Kent	18,394	18,962	568	(5,690)
Lambton	26,586	25,705	(881)	(5,192)
Lanark	4,082	4,539	457	(387)
Leeds and Grenville	12,358	12,334	(24)	(2,828)

Table 14.11 (cont'd.)
Municipal Capital Fund, by Upper Tier[1], Ontario, 1979

	Total Capital Outlay	Sources Total	Balance[2] In Year	Balance[2] Accumulated At Year End
		$'000's		
Counties (cont'd.)				
Lennox and Addington	3,754	3,180	(574)	(1,262)
Middlesex	30,391	25,925	(4,466)	(1,064
Northumberland	6,871	6,753	(118)	(1,781)
Perth	9,913	9,483	(430)	(1,397)
Peterborough	9,968	8,928	(1,040)	(3,598)
Prescott and Russell	7,947	7,794	(153)	(2,070)
Prince Edward	1,241	1,171	(70)	(70)
Renfrew	8,110	9,070	960	(1,230)
Simcoe	20,917	23,449	2,532	(2,926)
Stormont, Dundas and Glengarry	30,546	36,233	5,687	(6,588)
Victoria	5,691	5,082	(609)	(797)
Wellington	16,718	14,580	(2,132)	(5,330)
Total	338,205	318,593	(19,162)	(81,256)
Districts				
Algoma	15,466	16,227	761	(3,468)
Cochrane	17,548	19,214	1,666	(550)
Kenora	10,362	10,069	(293)	(787)
Manitoulin	764	606	(158)	(308)
Nipissing	6,226	6,781	555	(3,794)
Parry Sound	2,735	2,890	155	(165)
Rainy River	2,668	2,634	(34)	(347)
Sudbury	1,572	1,299	(273)	(1,151)
Thunder Bay	34,097	30,564	(3,553)	(8,229)
Timiskaming	6,448	6,383	(65)	(453)
Total	97,887	96,667	(1,220)	(19,252)
Provincial Total	1,198,563	1,213,994	15,431	(169,815)

1) See definitions for explanation of "upper tier".
2) Unexpected financing is shown without brackets; unfinanced expenditures are shown in brackets.

Source: Ministry of Intergovernmental Affairs, Municipal Budgets and Accounts Branch.

Federal and Provincial Bond[1] Issues and Retirements, Canada, 1968-1980

	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978[r]	1979[r]	1980
						$ Million Canadian - par value						
Government of Canada direct and guaranteed bonds												
Gross new issues delivered												
Canadian dollars	6,424	4,359	5,208	3,470	3,138	9,057	6,129	6,137	8,562	13,249	14,000	14,410
Other currencies	16	-	-	-	-	-	-	–	–	2,316	728	–
Total	6,440	4,359	5,208	3,470	3,138	9,057	6,129	6,137	8,562	15,565	14,728	14,410
Retirements												
Canadian dollars	6,169	3,135	2,864	2,200	3,725	5,740	2,695	3,547	3,024	7,893	8,568	8,480[r]
Other currencies	2	110	2	2	90	45	37	2	2	2	2	2
Total	6,170	3,245	2,866	2,201	3,815	5,785	2,732	3,549	3,026	7,895	8,569	8,482[r]
Net new issues												
Canadian dollars	255	1,224	2,344	1,270	−588	3,317	3,434	2,590	5,538	5,356	5,433	5,930[r]
Other currencies	14	−110	−2	−2	−90	−45	−37	−2	−2	2,315	726	−2
Total	269	1,114	2,342	1,269	−677	3,272	3,397	2,588	5,536	7,670	6,159	5,928[r]
Provincial direct and guaranteed bonds												
Gross new issues delivered												
Canadian dollars	1,619	2,230	2,616	2,717	2,742	3,192[r]	4,674[r]	5,459[r]	5,618[r]	6,347	6,307	8,926[r]
Other currencies	1,074	574	750	1,099	830	1,669	3,331[r]	4,845[r]	3,177[r]	2,168	2,019	1,340
Total	2,693	2,804	3,366	3,816	3,572	4,860[r]	8,005[r]	10,304[r]	8,795[r]	8,515	8,326	10,266[r]
Retirements												
Canadian dollars	642	537	369	598	656	900[r]	806[r]	748[r]	896[r]	885	1,679	975[r]
Other currencies	97	189	349	252	304	182	409	301	447[r]	522	622	806[r]
Total	739	725	718	850	960	1,082[r]	1,215[r]	1,049[r]	1,343[r]	1,407	2,301	1,780[r]
Net new issues												
Canadian dollars	977	1,694	2,247	2,119	2,086	2,291[r]	3,868[r]	4,711[r]	4,722[r]	5,462	4,627	7,952[r]
Other currencies	977	385	400	847	526	1,487	2,922[r]	4,544[r]	2,730[r]	1,647	1,397	534[r]
Total	1,953	2,079	2,647	2,966	2,612	3,778[r]	6,790[r]	9,254[r]	7,452[r]	7,108	6,025	8,486[r]

[1] Includes non-marketable bonds

Source: *Bank of Canada Review.*

Table 14.13
Marketable Bond Issues[1] and Retirements[2], Ontario, 1976-1980

Years and Quarters	Canada						Foreign[3]											
	Direct		Guaranteed		Total		U.S.		Other Curr.		Total		Direct		Guaranteed		All Currencies	
	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net
	$ Million Canadian par value																	
1975	300	167	450	337	750	504	809	695	340	304	1,150	999	809	663	341	336	1,900	1,503
1976	150	119	600	390	750	509	640	609	247	239	886	847	-	−35	887	883	1,637	1,357
1977	-	−62	750	544	750	482	521	460	131	116	652	576	521	456	131	120	1,402	1,058
1979	–	−113	600	468	600	355	702	636[r]	–	−11	702	625[r]	702	636[r]	–	−11	1,302	980[r]
1980	–	−146	950	774	950	628	–	−126	–	−116	–	−242	–	−133	–	−109	950	386
1976 I	150	148	150	107	300	255	543	543	76	72	619	615	-	−4	619	619	919	871
II	-	-	150	135	150	135	62	62	74	73	135	135	-	-	135	135	285	269
III	-	−2	150	58	150	57	35	35	97	93	133	129	-	-	133	128	283	185
IV	-	−28	150	91	150	63	-	−31	-	-	-	−31	-	−31	-	-	150	32
1977 I	-	−2	400	335	400	334	306	306	-	−8	306	298	306	302	-	−4	706	632
II	-	-	200	106	200	106	-	-	131	130	131	130	-	-	131	130	331	236
III	-	-	-	−28	-	−28	215	214	-	−4	215	210	215	214	-	−4	215	182
IV	-	−61	150	131	150	70	-	−59	-	−3	-	−62	-	−60	-	−3	150	8
1978 I	–	–	200	131	200	131	275	275	–	−8	275	267	275	271	–	−4	475	398
II	–	−32	400	394	400	362	224	224	140	138	364	362	224	224	140	138	764	724
III	–	–	200	166	200	166	–	–	–	−4	–	−4	–	–	–	−4	200	162
IV	–	–	–	−75	–	−75	293	210	–	−61	293	149	293	210	–	−61	293	74
1979 I	–	−54	–	−24	–	−78	352	348	–	−4	352	344	352	348	–	−4	352	266
II	–	–	600	565	600	565	–	–	–	–	–	–	–	–	–	–	600	565
III	–	−28	–	−24	–	−52	350	349	–	−4	350	345	350	349	–	−4	350	293
IV	–	−31	–	−49	–	−80	–	−61[r]	–	−3	–	−64[r]	–	−61[r]	–	−3	–	−144[r]
1980 I	–	−21	325	299	325	278	–	−29	–	−8	–	−37	–	−33	–	−4	325	241
II	–	−37	325	325	325	288	–	–	–	−4	–	−4	–	–	–	−4	325	284
III	–	−88	–	−35	–	−123	–	–	–	−100	–	−100	–	−3	–	−97	–	−223
IV	–	–	300	185	300	185	–	−97	–	−4	–	−101	–	−97	–	−4	300	84

1) Marketable bonds are negotiable bonds placed with investment dealers.
2) Retirements equal "gross" minus "net" issues.
3) Gross issues and retirements of Foreign Currency Issues are calculated at the rate of exchange in force at the time when the proceeds were received.

Source: Public Accounts and Finance Management Branch, Debt Model System.

Table 14.14
Official International Reserves, Canada, 1953-1980[1]

End of Period	Convertible Foreign Currencies: U.S. Dollars	Convertible Foreign Currencies: Other	Gold	Special Drawing Rights	Reserve position in the International Monetary Fund	Total	Total in Millions of SDR's
				$ Million U.S.			
1953	839.2	-	986.1	...	75.0	1,900.3	...
1954	877.5	-	1,072.1	...	75.0	2,025.2	...
1955	775.3	-	1,133.9	...	75.0	1,984.2	...
1956	842.0	-	1,103.3	...	90.0	2,035.3	...
1957	738.2	-	1,100.3	...	90.0	1,928.5	...
1958	869.2	-	1,078.1	...	90.0	2,037.3	...
1959	917.7	-	959.6	...	152.5	2,029.8	...
1960	953.0	-	885.3	...	152.5	1,990.8	...
1961	1,123.0	10.7	946.2	...	212.1	2,292.0	...
1962	1,842.8	9.2	708.5	...	-	2,560.5	...
1963	1,786.6	9.5	817.2	...	-	2,613.3	...
1964	1,654.5	11.8	1,025.7	...	197.5	2,889.5	...
1965	1,519.9	12.8	1,150.8	...	353.4	3,036.9	...
1966	1,195.4	12.4	1,045.6	...	448.5	2,701.9	...
1967	1,255.2	13.4	1,014.9	...	433.4	2,716.9	...
1968	1,964.9	11.6	863.1	...	206.2	3,045.8	...
1969	1,743.6	12.3	872.3	...	478.1	3,106.3	...
1970	3,022.1	14.5	790.7	182.1	669.6	4,679.0	4,679.0
1971	4,060.6	13.6	791.8	371.9	332.6	5,570.4	5,570.4
1972	4,355.0	12.6	834.1	505.2	342.9	6,049.9	5,572.3
1973	3,927.2	12.2	926.9	563.7	338.2	5,768.2	4,781.5
1974	3,767.7	12.9	940.7	574.3	529.7	5,825.3	4,757.9
1975	3,207.1	15.7	899.4	555.4	648.0	5,325.6	4,549.3
1976	3,446.3	15.8	879.0	557.8	944.5	5,843.4	5,029.2
1977	2,298.7	15.8	935.6	505.3	852.1	4,607.5	3,793.1
1978	2,459.5	18.4	1,009.1	522.4	556.8	4,566.2	3,504.9
1979	1,863.9	23.9	1,022.6	585.9	390.6	3,886.9	2,950.6
1980	2,037.6	23.1	936.6	453.2	579.0	4,029.6	3,159.5

1) Prior to May, 1972, SDR's, gold and Canada's reserve position in the IMF were valued on the basis of gold at U.S. $35 per fine ounce. They were revalued to U.S. $38 in May, 1972 and to U.S. $42.2222 in October, 1973. Beginning in July, 1974, these assets are valued on the basis of the month-end value of the SDR in terms of the U.S. dollar as determined by the IMF.

Source: Department of Finance.
Bank of Canada, *Bank of Canada Review*.

Table 14.15
Chartered Banks Selected Assets in Canadian Currency, Ontario, Quarterly, 1972-1980[1]

	Total Personal Loans	Loans to Farmers	Business Loans under Authorized Limits of: $200,000	Business Loans under Authorized Limits of: $5 Million or more	Loans to Provinces and Municipalities	Provincial and Municipal Securities	Mortgages Insured under NHA	Other Residential Mortgages	Total Bank Assets
					$Million				
1972									
1st Quarter	2,363	416	783	..	274	455	769	239	..
2nd Quarter	2,574	450	849	..	268	438	828	277	..
3rd Quarter	2,655	476	906	..	139	402	927	325	..
4th Quarter	2,789	505	864	..	135	426	1,002	352	..
1973									
1st Quarter	2,899	483	950	..	262	420	1,072	388	..
2nd Quarter	3,190	531	1,004	..	204	440	1,105	436	..
3rd Quarter	3,310	574	995	..	140	420	1,065	523	..
4th Quarter	3,413	630	976	..	145	450	1,092	603	..
1974									
1st Quarter	3,539	584	1,029	..	257	447	1,105	699	..
2nd Quarter	3,835	610	1,096	2,943	161	418	1,179	848	25,072
3rd Quarter	4,066	655	1,629	3,052	174	426	1,228	950	26,206
4th Quarter	4,694	689	1,562	3,359	200	451	1,288	1,054	28,199
1975									
1st Quarter	4,740	644	1,646	3,212	326	525	1,300	1,103	28,080
2nd Quarter	4,956	697	1,772	3,403	227	562	1,387	1,227	29,325
3rd Quarter	5,120	749	1,724	3,465	170	520	1,505	1,321	29,412
4th Quarter	5,541	807	1,708	3,663	263	548	1,625	1,318	31,515
1976									
1st Quarter	5,591	775	1,927	4,104	440	564	1,674	1,326	32,057
2nd Quarter	5,940	848	2,028	3,907	201	540	1,728	1,313	33,668
3rd Quarter	5,901	911	2,059	4,112	123	485	1,848	1,341	33,659
4th Quarter	6,607	963	2,197	4,247	160	483	2,014	1,363	33,525
1977									
1st Quarter	6,949	952	2,337	4,530	398	429	2,113	1,403	37,039
2nd Quarter	7,225	1,082	2,424	4,454	156	398	2,270	1,539	39,042
3rd Quarter	7,385	1,153	2,511	4,736	103	369	2,527	1,616	40,868
4th Quarter	7,766	1,177	2,562	4,432	145	373	2,784	1,626	42,724
1978									
1st Quarter	7,678	1,147	2,600	4,268	387	356	2,921	1,661	43,552
2nd Quarter	8,036	1,302	2,703	4,311	157	363	3,118	1,791	45,817
3rd Quarter	8,275	1,430	2,677	4,475	135	366	3,392	2,017	47,336
4th Quarter	8,606	1,527	2,792	4,567	177	326	3,638	2,235	51,422
1979									
1st Quarter	8,626	1,510	2,986	5,083	447	343	3,714	2,292	52,769
2nd Quarter	9,023	1,725	2,955	5,808	158	301	3,823	2,528	56,045
3rd Quarter	9,305	1,851	2,662	6,036	140	283	4,035	2,692	57,661
4th Quarter	9,692	1,932	3,056	7,265	164	252	4,028	2,728	61,020
1980									
1st Quarter	9,810	1,963	3,175	7,597	353	265	4,030	2,868	62,093
2nd Quarter	9,934	2,123	3,073	8,785	169	241	4,001	2,916	64,366
3rd Quarter	10,140	2,210	3,150	7,477	135	227	3,910	3,001	65,093
4th Quarter	10,859	2,274	3,260	9,146	209	201	3,893	3,020	68,426

1) End of period.

Source: Bank of Canada, *Bank of Canada Review*.

Table 14.16

Cheques Cashed Against Individual Accounts, by Selected City, Canada and Ontario, 1960-1980

	Canada	Ontario	Brantford	Chatham	Cornwall	Guelph	Hamilton	Kingston	Kitchener	London	Niagara Falls
						$'000's					
1960	277,810,037	130,109,053	688,254	655,467	406,526	439,128	5,730,223	520,401	1,268,458	3,438,475	524,104
1961	302,741,442	139,993,124	693,833	654,195	455,088	464,919	5,988,206	561,700	1,321,571	3,728,758	520,090
1962	335,798,492	156,038,681	791,851	665,473	476,467	514,090	6,709,167	627,367	1,580,719	4,184,759	583,748
1963	371,824,999	169,338,480	855,872	756,246	519,027	580,360	7,429,937	709,932	1,796,074	4,759,177	614,568
1964	430,263,557	199,554,242	921,946	868,547	609,142	637,564	8,570,766	809,636	2,006,150	5,763,605	686,661
1965	491,027,941	229,053,833	1,037,147	932,891	684,950	746,659	9,968,268	940,493	2,322,531	7,062,318	862,986
1966	537,826,117	244,285,748	1,229,858	997,126	864,691	810,868	10,734,804	1,019,805	2,764,606	7,234,046	951,241
1967	585,081,687	267,031,237	1,538,214	1,153,382	854,930	972,781	10,882,411	1,104,544	2,871,119	7,866,449	956,857
1968	636,698,635	297,010,095	1,453,105	1,307,569	883,854	1,081,339	12,293,037	1,253,610	3,279,098	8,488,986	970,326
1969	735,404,385	359,525,489	1,569,803	1,403,253	1,064,134	1,192,692	14,877,229	1,448,269	4,107,962	9,540,367	1,056,634
1970	817,910,483	414,779,688	1,785,387	1,560,325	999,264	1,199,477	15,484,281	1,496,145	4,237,706	10,272,665	1,107,274
1971	919,462,343	478,184,724	1,734,427	2,429,682	1,093,852	1,344,384	16,928,597	1,683,604	4,626,746	11,671,346	1,111,849
1972	1,065,933,245	558,772,881	1,966,049	3,235,953	1,177,124	1,627,043	17,335,918	1,818,886	5,192,030	13,765,435	1,221,412
1973	1,369,885,495	743,978,034	2,572,036	3,190,927	1,236,573	2,079,556	21,948,165	2,169,193	6,447,658	16,887,429	1,522,608
1974	1,698,779,734	868,740,794	3,170,916	4,740,885	1,627,532	2,793,019	27,388,829	2,666,718	7,875,556	21,301,385	1,706,643
1975	2,138,527,425	1,113,864,354	3,547,314	5,943,811	1,521,999	2,748,055	32,453,937	3,288,570	9,082,502	24,939,943	1,596,864
1976	2,469,599,223[r]	1,248,446,278[r]	4,364,017	7,541,476	1,790,783	3,203,187	34,498,706	3,590,246	9,892,778	27,301,658	2,163,060
1977	2,718,308,268	1,388,567,929	4,553,957	6,647,119	1,856,996	3,315,116	35,894,556	3,599,949	9,654,646	29,287,012	2,420,402
1978	3,138,384,560	1,731,966,943	5,090,393	7,291,827	2,129,892	3,751,238	40,076,581	3,993,812	10,730,266	27,574,050	2,605,235
1979	4,018,229,803	2,400,375,966	4,945,878	11,086,964	2,326,119	4,627,782	50,395,139	3,720,686	12,293,721	31,471,822	3,038,255
1980	5,375,335,610	3,389,469,317	5,239,675	12,880,367	2,682,073	5,372,599	60,051,166	4,692,418	12,955,212	37,954,523	3,974,506

Table 14.16 (cont'd.)
Cheques Cashed Against Individual Accounts, by Selected City, Canada and Ontario, 1960-1980

	Oshawa	Ottawa[2]	Peter-borough	St. Catharines	Sarnia	Sault Ste. Marie	Sudbury	Thunder Bay[1]	Timmins	Toronto	Windsor
						$'000's					
1960	2,403,255	5,428,618	588,320	861,905	631,965	849,716	650,352	. . .	191,111	101,652,499	2,344,058
1961	2,866,512	5,923,469	566,260	959,735	701,576	820,240	711,292	. . .	203,137	109,570,868	2,399,362
1962	3,594,666	6,765,125	615,616	1,089,736	761,867	904,898	792,746	. . .	227,646	121,733,430	2,517,840
1963	4,273,812	7,472,755	696,514	1,162,836	745,363	993,783	812,918	. . .	236,354	130,999,231	2,939,769
1964	4,818,992	8,601,107	850,500	1,504,844	760,770	1,019,060	838,983	. . .	272,200	155,418,798	3,531,255
1965	5,750,542	8,687,423	927,069	1,796,657	888,766	1,058,707	973,684	. . .	287,949	178,642,251	4,234,667
1966	5,933,947	9,624,047	1,071,951	2,020,306	1,094,866	1,149,027	1,095,945	. . .	388,007	188,901,897	5,038,315
1967	5,914,578	12,363,375	1,217,405	2,123,929	1,253,850	1,178,571	1,274,936	. . .	349,735	205,975,596	5,722,255
1968	6,550,238	13,090,133	1,209,206	2,261,310	1,427,132	1,242,601	1,477,068	. . .	370,924	230,701,009	6,235,946
1969	7,146,531	14,705,592	1,230,405	2,421,445	1,559,025	1,228,557	1,698,729	. . .	435,559	284,035,312	7,120,960
1970	5,746,732	15,386,126	1,266,631	2,262,528	1,538,798	2,440,059	1,937,429	1,888,555	447,868	336,567,159	7,155,279
1971	8,651,600	18,309,177	1,339,532	2,524,045	1,651,158	3,139,508	2,239,210	2,359,606	499,787	387,036,643	7,809,971
1972	8,694,246	20,365,185	1,447,390	2,719,899	1,723,631	1,925,422	2,337,870	2,442,856	547,931	460,485,009	8,743,592
1973	11,518,022	23,108,386	1,692,647	3,154,779	2,015,778	6,091,621	2,475,438	2,807,134	622,591	621,392,070	11,045,423
1974	14,689,196	27,971,471	2,072,940	3,778,119	2,622,763	5,008,439	2,643,897	3,435,648	929,905	719,525,626	12,791,307
1975	17,164,346	32,676,364	2,362,713	4,444,613	3,226,521	7,213,588	3,205,476	3,966,255	1,229,403	938,561,392	14,690,688
1976	19,006,928	39,130,494	2,783,144	8,842,139	4,169,187	13,589,043	3,399,214	4,741,570	1,446,615	1,040,413,731	16,578,302
1977	19,635,233	46,651,477	2,942,556	7,294,795	5,441,980	15,440,821	3,763,072	5,359,243	1,615,077	1,166,699,971	16,493,951
1978	18,414,117	50,836,016	3,395,659	7,129,914	6,760,246	6,214,573	3,801,690	6,192,851	1,557,349	1,506,364,977	18,056,257
1979	21,010,640	58,811,803	3,525,738	9,481,097	8,272,609	4,691,641	4,017,332	6,982,617	1,685,252	2,136,747,736	21,243,135
1980	24,892,618	78,725,096	3,621,584	8,974,098	9,094,733	4,510,206	5,021,321	7,370,181	2,018,989	3,078,721,838	20,716,114

1) Fort William merged with Port Arthur in 1970 to form the Thunder Bay Clearing Centre
2) Ottawa figures exclude some items shown in previous years.

Source: Statistics Canada, *Cheques Cashed, (61-001).*

Table 14.17

Consumer Credit: Outstanding Balances of Selected Holders, Canada, 1968-1980

	Reported Monthly							Reported Quarterly	
End of Period	Chartered Bank Ordinary Personal Loans	Sales Finance and Consumer Loan Companies	Life Insurance Company Policy Loans	Québec Savings Banks (Unsecured Personal Loans)	Department Stores	Trust and Mortgage Loan Companies	Total	Credit Unions and Caisses Populaires	Total
				$ Million					
1968	3,673	2,637	553	21	644	..	7,528	1,247	8,775
1969	4,157	3,046	660	24	705	..	8,592	1,401	9,993
1970	4,663	2,851	759	22	720	..	9,015	1,493	10,508
1971	5,777	2,366	784	25	754	..	9,706	1,690	11,396
1972	7,144	2,646	813	30	823	46	11,502	2,000	13,502
1973	8,878	2,912	884	36	961	82	13,753	2,420	16,173
1974	10,817	3,118	1,066	44	1,126	145	16,315	2,762	19,077
1975	13,149	3,054	1,149	58	1,232	199	18,843	3,243	22,085
1976	16,114	3,014	1,232	72	1,314	287	22,032	3,884	25,916
1977	18,634	2,937	1,291	87	1,381	368	24,697	4,512	29,209
1978	21,575	3,073	1,373[r]	104	1,519	650	28,294[r]	5,490	33,784[r]
1979	25,081	2,889[r]	1,569[r]	142	1,632[r]	981	32,294[r]	6,218[r]	38,512[r]
1980	28,790	2,664	1,811	169	1,651	1,527	36,612	..	..
1980									
J	25,286	2,943	1,569	143	1,530	993	32,465	..	..
F	25,464	2,952	1,595	146	1,469	1,067	32,692	..	..
M	25,708	2,981	1,625	149	1,404	1,181	33,048	6,370	39,419
A	26,114	3,017	1,676	151	1,405	1,287	33,649	..	..
M	26,295	3,033	1,715	154	1,397	1,253	33,847	..	..
J	26,608	3,043	1,736	158	1,375	1,256	34,177	6,413	40,590
J	26,849	2,934	1,748	161	1,356	1,276	34,324	..	..
A	27,202	2,843	1,757	163	1,359	1,316	34,640	..	..
S	27,554	2,709	1,769	166	1,416	1,431	35,045	6,415	41,460
O	28,092	2,688	1,781	166	1,429	1,481	35,637	..	..
N	28,473	2,685	1,793	169	1,485	1,529	36,134	..	..
D	28,790	2,664	1,811	169	1,651	1,527	36,612	..	..

Source: Bank of Canada, *Bank of Canada Review*.

Table 14.18
The Toronto Stock Exchange – TSE 300 Composite Indexes, 1956 to 1981

	TSE 300 Composite Stock Price Index[1]						
	High	Date	Low	Date	Close	Net Change	Per Cent Change
1956	617.67	July	524.63	Nov.	564.97	–	–
1957	606.14	May	432.11	Dec.	432.11	−132.86	−23.52
1958	547.72	Dec.	444.10	Feb.	547.72	+115.61	+26.75
1959	598.96	July	538.37	Nov.	555.09	+7.37	+1.35
1960	544.74	Dec.	494.06	July	544.74	−10.35	−1.86
1961	700.85	Dec.	575.60	Jan.	700.85	+156.11	+28.66
1962	686.81	Feb.	571.84	Sept.	628.99	−71.86	−10.25
1963	702.71	Dec.	638.45	Feb.	702.71	+73.72	+11.72
1964	853.53	Dec.	715.36	Feb.	853.53	+150.82	+21.46
1965	911.26	Apr.	838.42	July	881.14	+27.61	+3.23
1966	917.75	Jan.	761.11	Sept.	789.51	−91.63	−10.40
1967	922.50	Sept.	843.44	Jan.	899.20	+109.69	+13.89
1968	1062.88	Dec.	814.79	Mar.	1062.88	+163.68	+18.20
1969	1131.04	May	950.75	July	1019.77	−43.11	−4.06
1970	1006.40	Feb.	810.78	June	947.54	−72.23	−7.08
1971	1036.09	Apr. 16	879.80	Nov. 12	990.54	+43.00	+4.54
1972	1226.58	Dec. 29	1044.60	Jan. 7	1226.58	+236.04	+23.83
1973	1329.28	Oct. 31	1122.34	May 18	1193.56	−33.02	−2.69
1974	1276.81	Mar. 15	821.10	Dec. 6	844.48	−349.08	−29.25
1975	1081.96	July 18	862.74	Jan. 3	953.54	+109.06	+12.91
1976	1106.17	May 13	920.15	Nov. 30	1011.52	+57.98	+6.08
1977	1068.53	July 20	957.58	Oct. 26	1059.59	+48.07	+4.75
1978	1336.34	Oct. 12	996.88	Jan. 30	1309.99	+250.40	+23.63
1979	1813.48	Dec. 31	1310.31	Jan. 2	1813.17	+503.18	+38.41
1980[r]	2405.65	Dec. 1	1650.89	Mar. 27	2268.70	+455.53	+25.12
1981[3]	2383.28	Apr. 2	2143.26	Feb. 20	2306.43	+37.73	+1.66

Table 14.18 (cont'd.)
The Toronto Stock Exchange – TSE 300 Composite Indexes, 1956 to 1981

	TSE 300 Composite Total Return Index[2]						
	High	Date	Low	Date	Close	Net Change	Per Cent Change
1956	294.417	July	246.77	Jan.	273.42	–	–
1957	297.03	May	217.14	Dec.	217.14	−56.28	−20.58
1958	284.99	Dec.	224.46	Feb.	284.99	+67.85	+31.25
1959	317.12	July	287.53	Nov.	298.06	+13.07	+4.59
1960	303.37	Dec.	270.85	July	303.37	+5.31	+1.78
1961	402.71	Dec.	321.39	Jan.	402.71	+99.37	+32.75
1962	397.06	Mar.	334.16	June	374.14	−28.57	−7.09
1963	432.51	Dec.	381.51	Feb.	432.51	+58.37	+15.60
1964	542.51	Dec.	442.34	Feb.	542.51	+110.00	+25.43
1965	585.26	Apr.	542.64	July	578.76	+36.25	+6.68
1966	604.39	Jan.	513.34	Sept.	537.86	−40.90	−7.07
1967	645.60	Sept.	576.48	Jan.	635.15	+97.29	+18.09
1968	777.71	Dec.	581.37	Mar.	777.71	+142.56	+22.45
1969	836.87	May	708.94	July	771.42	−6.29	−0.81
1970	767.41	Mar.	624.46	June	743.91	−27.51	−3.57
1971	803.48	Dec.	710.90	Oct.	803.48	+59.57	+8.01
1972	1023.50	Dec.	877.00	Jan.	1023.50	+220.02	+27.38
1973	1135.71	Oct.	956.91	May	1026.30	+2.80	+0.27
1974	1084.59	Feb.	738.66	Sept.	760.21	−226.09	−25.93
1975	974.11	July	872.15	Oct.	900.72	+140.51	+18.48
1976	1033.91	May	904.56	Nov.	1000.00	+99.28	+11.02
1977	1107.06	Dec. 30	981.67	Jan. 12	1107.06	+107.06	+10.71
1978	1440.98	Oct. 12	1044.29	Jan. 30	1436.08	+329.02	+29.72
1979	2079.01	Dec. 31	1442.47	Jan. 2	2079.01	+642.93	+44.77
1980	2850.93	Nov. 28	1968.90	Mar. 27	2705.49	+626.48	+30.13
1981[3]	2862.68	Apr. 10	2573.44	Feb. 20	2807.32	+101.83	+3.76

) Base year, 1975 = 1000
) Base, December 31, 1976 = 1000
) Through April 30, 1981

ource: The Toronto Stock Exchange, Index Section

Table 14.19
Number of Active Corporations, Ontario, 1956 to 1980-81

Year	Number	Per Cent Change	Year	Number	Per Cent Change
	'000's			000's	
1956	38	...	1970	113	7.6
1957	43	13.2	1971	119	5.3
1958	47	9.3	1971-72[1]	124.0	...
1959	53	12.8	1972-73[1]	133.7	7.8
			1973-74[1]	145.5	8.8
1960	59	11.3	1974-75[1]	160.6	10.4
1961	63	6.8			
1962	67	6.3	1975-76[1]	173.9	8.3
1963	72	7.5	1976-77[1]	196.4	12.9
1964	76	5.6	1977-78[1]	218.9	11.5
			1978-79[1]	243.5	11.2
1965	81	6.6	1979-80[1]	259.5	6.6
1966	87	7.4			
1967	93	6.9	1980-81[1]	277.5	6.9
1968	98	5.4			
1969	105	7.1			

1) Fiscal year ending March 31.

Source: Ministry of Consumer and Commercial Relations.

Table 14.20
New Corporations[1], Ontario, 1951 to 1980-81[2]

	Corporations Incorporated In Ontario		Corporations Incorporated Outside Ontario				Total	
			Corporations Holding Licence In Mortmain		Corporations with an Extra-Provincial Licence			
	Number	Per Cent Change	Number	Per Cent Change	Number	Per Cent Change	Number	Per Cent Change
1951	1,779	...	146	...	62	...	1,987	...
1952	1,772	-0.4	164	12.3	69	11.3	2,005	0.9
1953	2,113	19.2	149	-9.1	99	43.5	2,361	17.8
1954	3,613	71.0	181	21.5	86	-13.1	3,880	64.3
1955	3,811	5.5	249	37.6	110	27.9	4,170	7.5
1956	4,788	25.6	222	-10.8	149	35.5	5,159	23.7
1957	5,219	9.0	232	4.5	128	-14.1	5,579	8.1
1958	4,368	-16.3	203	-12.5	137	7.0	4,708	-15.6
1959	5,916	35.4	175	-13.8	150	9.5	6,241	32.6
1960	6,417	8.5	238	36.0	160	6.7	6,815	9.2
1961	5,736	-10.6	198	-16.8	166	3.8	6,100	-10.5
1962	6,019	4.9	206	4.0	141	-15.1	6,366	4.4
1963	5,903	-1.9	199	-3.4	171	21.3	6,273	-1.5
1964	6,229	5.5	204	2.5	172	0.6	6,605	5.3
1965	7,276	16.8	223	9.3	177	2.9	7,676	16.2
1966	7,309	0.5	244	9.4	193	9.0	7,746	0.9
1967	7,425	1.6	217	-11.1	173	-10.4	7,815	0.9
1968	7,699	3.7	202	-6.9	185	6.9	8,086	3.5
1969	9,593	24.6	249	23.3	212	14.6	10,054	24.3
1970	8,091	-15.7	290	16.5	273	28.8	8,654	-13.9
1971	9,152	13.1	212	-26.9	266	-2.6	9,630	11.3
1971-72	11,030	...	231	...	263	...	11,524	...
1972-73	12,489	13.2	222	-3.9	285	8.4	12,996	12.8
1973-74	15,634	25.2	280	26.1	268	-6.0	16,182	24.5
1974-75	16,657	6.5	250	-10.7	239	-10.8	17,146	6.0
1975-76	18,703	12.3	208	-16.8	259	8.4	19,170	11.8
1976-77	20,851	10.3	236	13.5	191	26.3	21,278	11.0
1977-78	22,235	6.6	319	35.2	204	6.8	22,758	7.0
1978-79	28,408	27.8	150	-53.0	200	-2.0	28,758	26.4
1979-80	27,969	-1.5	189	26.0	228	14.0	28,386	-1.3
1980-81	28,394	1.5	183	-3.1	275	20.6	28,852	1.6

1) Figures for corporations which are not required to hold a licence in Ontario are not included.
2) Fiscal year ending March 31, beginning 1971-72.

Source: Ministry of Consumer and Commercial Relations.

Table 14.21
Business Bankruptcies[1] by Industry and Region[2], Canada 1978-1980

	Canada		Ontario		Atlantic		Quebec		Prairies		Pacific	
	Number	Liabilities	Number	Liabilities	Number	Liabilities	Number	Liabilities	Number	Liabilities	Number	Liabilities
		$'000'		$'000'		$'000'		$'000'		$'000'		$'000'
1978												
Primary Industries	145	15,375	71	7,313	7	182	27	3,467	22	1,951	18	2,463
Manufacturing Industries	392	64,051	165	20,283	11	1,320	145	35,150	34	3,745	37	3,553
Construction Industries	981	131.892	387	44,101	19	3,059	230	31,181	115	29,630	230	23,921
Transportation, Communications and Other Utilities	284	14,349	142	6,220	24	395	50	3,371	40	2,505	28	1,859
Trade	1,871	164,492	706	52,905	58	11,385	779	63,549	135	21,680	193	14,974
Finance Insurance and Real Estate	133	26,598	34	7,850	4	246	27	2,488	9	1,116	59	14,898
Services	1,705	188,571	619	50,870	52	5,769	789	109,857	126	13,577	119	8,498
Total	5,511	605,327	2,124	189,541	175	22,356	2,047	249,063	481	74,203	684	70,164
1979												
Primary Industries	200	21,129	81	8,510	6	750	30	3,612	37	3,162	46	5,096
Manufacturing Industries	534	66,524	190	18,435	8	895	247	38,617	31	2,987	58	5,590
Construction Industries	1,145	122,477	475	46,992	18	2,906	343	43,813	160	17,423	149	11,345
Transportation, Communications and Other Utilities	343	20,306	136	5,886	5	337	80	6,977	51	2,931	71	4,177
Trade	1,882	160,345	706	53,735	45	9,965	724	67,189	192	14,816	215	14,641
Finance, Insurance and Real Estate	203	52,353	84	16,447	1	1,500	61	13,873	18	11,583	39	8,951
Services	1,341	130,596	551	45,221	34	4,312	554	63,820	86	8,700	116	8,543
Total	5,648	573,730	2,223	195,224	117	20,664	2,039	237,900	575	61,600	694	58,342
1980												
Primary Industries	312	44,426	138	19,316	14	1,457	81	13,812	49	50,052	30	4,971
Manufacturing Industries	532	95,522	197	26,967	13	4,709	245	52,014	46	6,606	31	5,228
Construction Industries	1,301	150,655	612	57,144	14	844	387	51,192	179	31,076	109	10,400
Transportation, Communications and Other Utilities	431	34,297	165	11,016	14	2,075	137	8,407	63	9,797	52	3,002
Trade	2,120	209,554	804	70,067	55	4,956	898	95,007	227	18,593	136	20,932
Finance, Insurance and Real Estate	254	94,244	104	44,832	8	1,168	85	22,049	29	14,851	28	11,345
Services	1,645	154,268	602	58,412	51	5,017	772	72,096	123	9,756	97	8,988
Total	6,595	782,966	2,622	287,753	169	20,224	2,605	314,576	716	95,729	483	64,684

1) Excludes Small Debtor Program Bankruptcies.
2) Atlantic comprises Newfoundland, P.E.I. Nova Scotia and New Brunswick, Prairies comprise Manitoba, Saskatchewan, Alberta and N.W.T., Pacific comprises British Columbia and Yukon.

Source: Bureau of Corporate Affairs *Bulletin* and Bankruptcy Branch, Consumer and Corporate Affairs, Canada.

Section
15

Trade

Highlights

- **Foreign Trade** – Of the $35.6 billion of imports entering Ontario in 1980, $23.9 billion, or 67.3 per cent, consisted of inedible end products. Of Canada's $75.9 billion worth of exports (including re-exports) in the same year $28.3 billion, or 37.5 per cent, originated in Ontario.

  Of Ontario's 1980 exports $15.7 billion, or 55.7 per cent, consisted of inedible end products and 34.0 per cent was fabricated materials. For the 1980 Canada total, inedible end products accounted for 30.5 per cent while fabricated materials accounted for 38.9 per cent.

  From 1979 to 1980, domestic exports for Canada increased by 10.0 billion, or 15.6 per cent, to $74.2 billion. Of the 1980 Canadian export total, 63.1 per cent went to the United States. Canadian imports rose by 10.1 per cent from 1979 to 1980 to reach a total of $69.0 billion; of this total, 70.2 per cent came from the United States.

  Canada's merchandise balance, after adjustment for balance of payments purposes, amounted to +$8.0 billion in 1980, the comparable total for 1979 being +$4.0 billion. Canada's total current account balance stood at −$1.5 billion in 1980.

- **Domestic Trade** – Ontario's retail trade sales in 1980 increased by 7.8 per cent over the previous year to reach a total of $29.6 billion. This figure represents 35.3 per cent of the Canadian total of $83.9 billion, Québec's sales representing 24.9 per cent, and British Columbia's sales 12.5 per cent. Of Ontario's total in 1980, grocery and combination stores accounted for 25.2 per cent, motor vehicle dealers for 16.8 per cent, services stations and garages for 9.3 per cent and department stores for 11.2 per cent.

Definitions

Retail Trade – Defined as the aggregate sales made through retail outlets which are business locations engaged primarily in selling merchandise for household or personal consumption. The retail trade estimates do not include any form of direct selling which by-passes the retail outlet.

Combination Stores — Grocery and combination stores selling 20 per cent or more fresh meat.

Motor Vehicle Dealers — Consist of dealers selling new and used cars or only new cars, but not dealers selling used cars only.

Department Stores – Must sell at least 6 commodity lines in the family clothing and apparel group with at least one line being men's and boys' clothing or furnishings and with at least 20 per cent of sales from this group, at least 4 commodity lines in the furniture, appliances and home furnishings group with at least one of these lines being furniture and with a minimum of 10 per cent of sales from this group, and at least 3 different commodity lines from all other groups with at least 10 per cent of sales derived therefrom. No one of these lines may account for more than 50 per cent of total store sales.

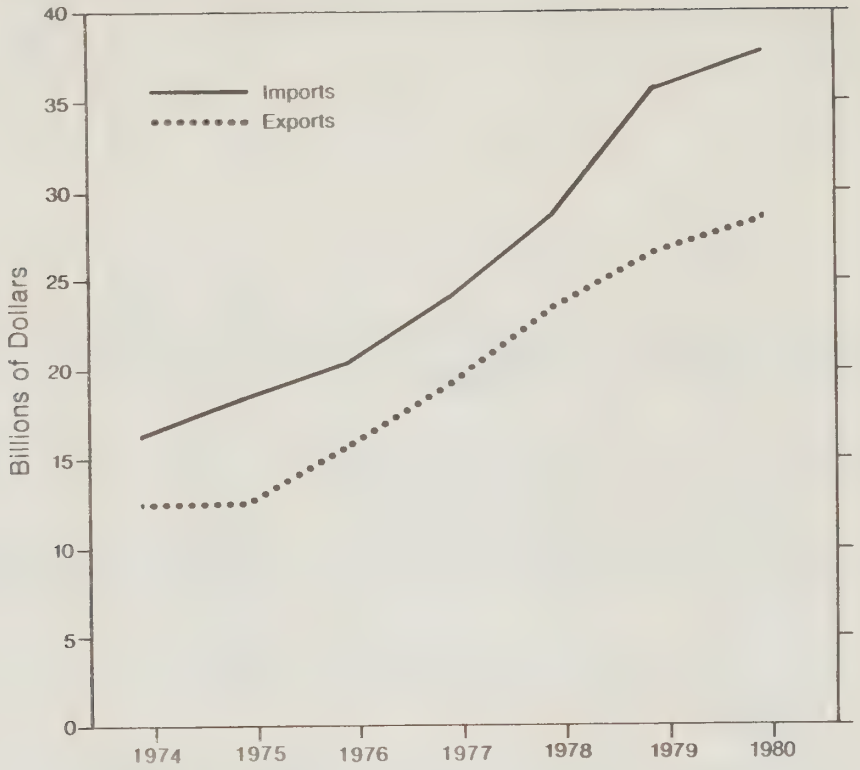
Domestic Exports – Include both goods which are wholly produced in Canada and goods previously included in import statistics which have since been changed in form by further processing and then exported.

Re-Exports – Include only goods previously included in import statistics which are exported from Canada in the same form as when imported. Minor operations such as sorting or blending are not considered as changing the condition of imported goods.

Special Transactions – Include gold and gold products where the value of the gold content is 80 per cent or more of the total value, including coins, settlers' effects, private donations and gifts, identifiable tourist purchases, goods shipped to Canadian diplomatic or military personnel abroad or by foreign representatives in Canada, temporary exports for exhibition or competition including films for processing. Bunker supplies and ships' stores sold to foreign vessels or aircraft in Canada, temporary exports and goods merely moving in transit through Canadian territory are not reflected in any of the statistics.

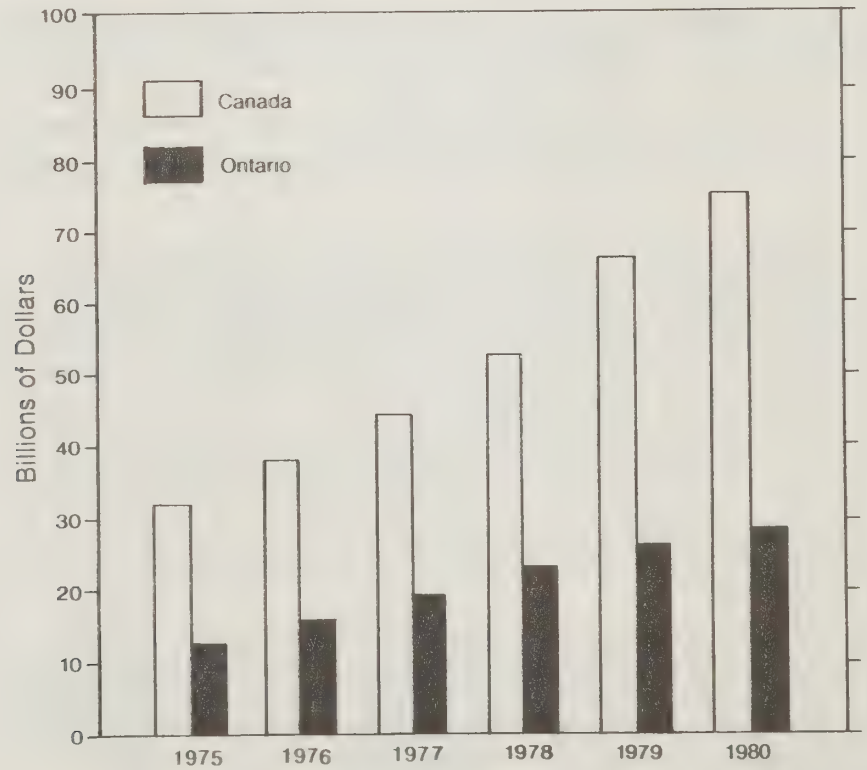
Current Account – Consists of imports and exports of goods and services (that is, merchandise trade and service transactions) and transfers such as inheritances, personal and institutional remittances and withholding tax.

Graph 15.A
Exports and Imports, Ontario, 1974-1980



Refer to Tables 15.1 and 15.4

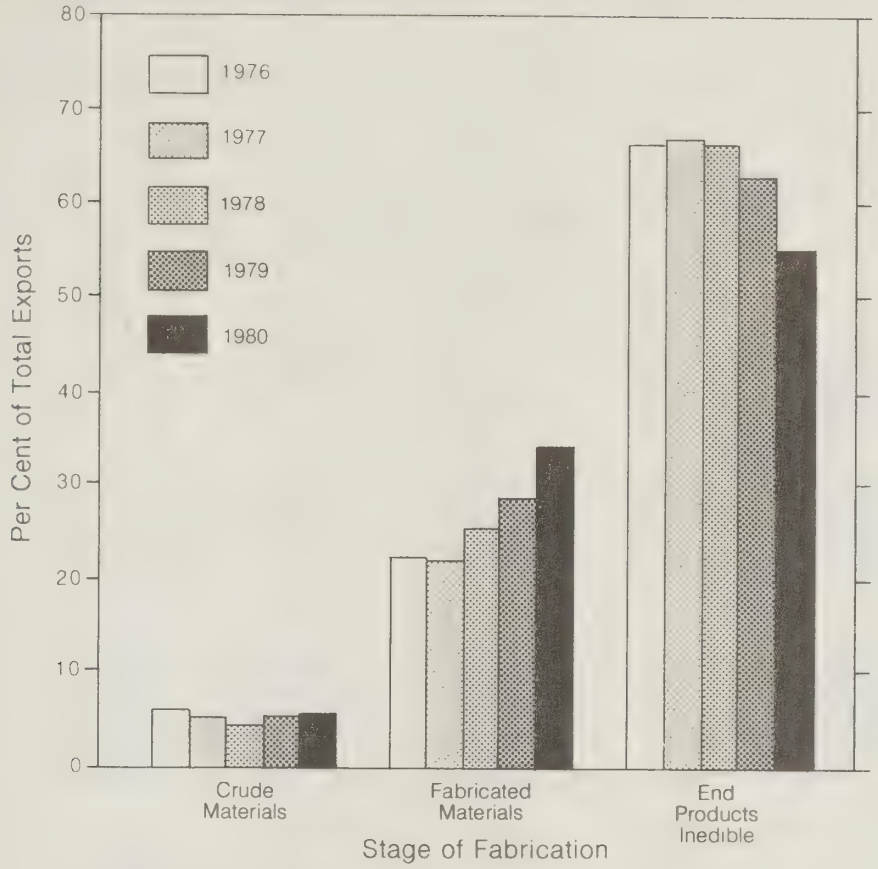
Graph 15.B
Exports[1], Canada and Ontario, 1975-1980



[1]Includes re-exports

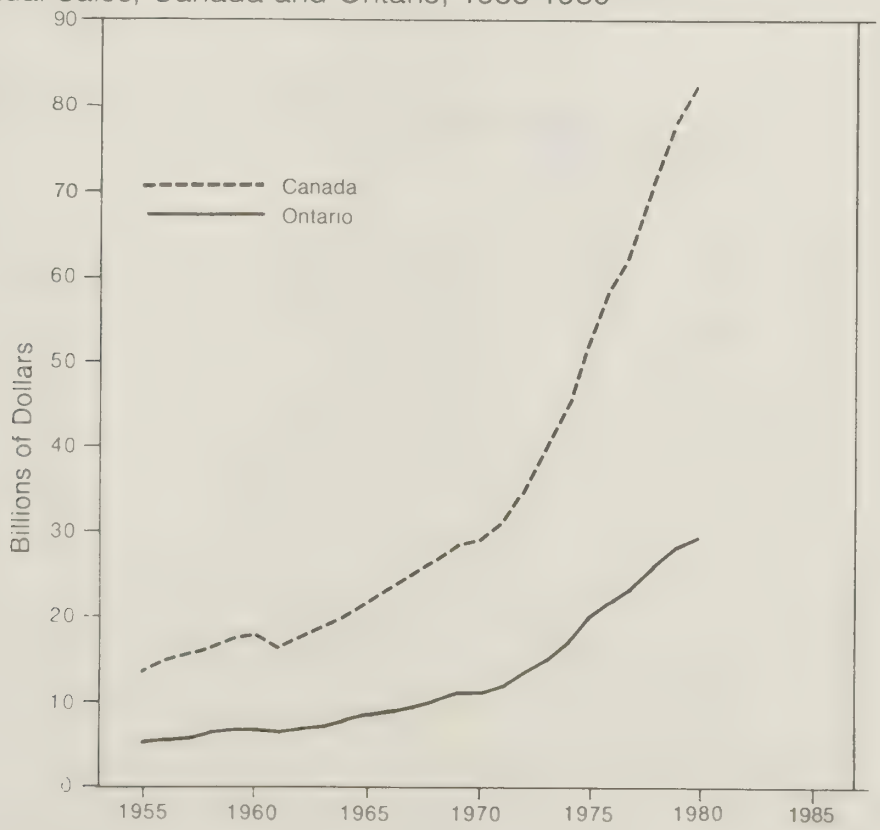
Refer to Table 15.3

Graph 15.C
Composition of Exports[1], Ontario, 1976-1980



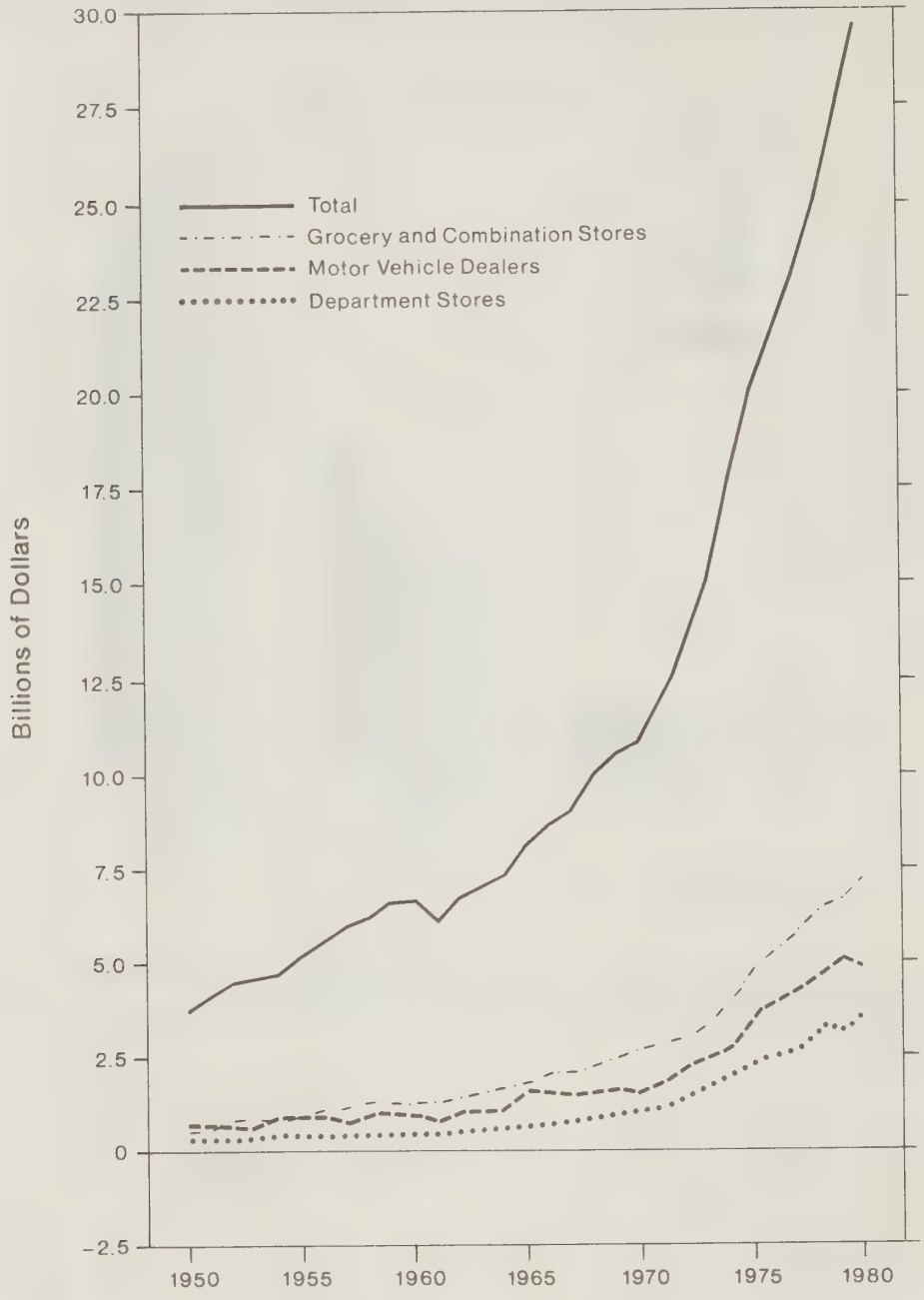
1 Includes re-exports
Refer to Table 15.3

Graph 15.D
Retail Trade Annual Sales, Canada and Ontario, 1955-1980



Refer to Table 15.7

Graph 15.E
Value of Retail Trade by Kind of Business, Ontario, 1950-1980



Refer to Table 15.6

Table 15.1
Exports[1] to Principal Trading Areas, Canada and Ontario, 1972-1980

	All Countries	United States	United Kingdom	Japan	EEC[2]	All Other Countries
			$ Million			
Canada						
1972	19,977.2	13,921.6	1,328.1	961.9	1,125.4	2,640.2
1973	25,207.6	17,061.9	1,588.7	1,800.2	1,525.4	3,231.4
1974	32,052.1	21,262.7	1,894.7	2,223.9	2,130.1	4,540.7
1975	32,857.4	21,545.3	1,783.8	2,119.8	2,306.3	5,102.2
1976	38,076.9	25,344.8	1,801.5	2,385.9	2,600.0	5,944.7
1977	44,197.4	30,557.7	1,883.1	2,508.3	2,685.0	6,563.0
1978	52,641.7	37,002.7	2,005.1	3,061.8	2,908.8	7,663.3
1979	65,518.3	44,454.0	2,622.5	4,097.0	4,672.2	9,672.6
1980	75,932.9	48,058.4	3,239.1	4,387.5	6,318.6	13,929.3
Ontario						
1972	9,059.9	7,420.1	518.0	70.5	217.8	833.5
1973	10,929.7	8,876.7	581.8	118.1	362.5	990.6
1974	12,387.2	9,774.4	696.2	120.2	424.3	1,372.1
1975	12,472.3	9.724.9	668.4	122.9	408.0	1,548.1
1976	15,660.2	12,289.0	588.3	136.4	494.4	2,152.1
1977	19,099.4	15,537.3	646.7	106.1	497.0	2,312.3
1978	23,342.7	18,965.3	604.6	135.8	649.7	2,987.3
1979	26,840.8	21,728.8	814.9	183.3	992.5	3,121.2
1980[p]	28,251.4	21,912.2	1,143.1	210.4	1,407.0	3,578.7

1) Includes re-exports.
2) European Economic Community excluding United Kingdom, Ireland and Denmark 1972-1975. Ireland and Denmark are included for 1976, 1977, 1978, 1979 and 1980.

Source: SC, *Exports by Commodities* (65-004).
Industry and Tourism, Ontario Exports and Imports by Countries, Commodities and Industries

Table 15.2
Merchandise Trade with Selected Countries, Canada, 1965-1980

	All Countries	United States		United Kingdom		Other E.E.C.[1]		All Other Countries	
	$ Million	$ Million	% of Total	$ Million	% of Total	$ Million	% of Total	$ Million	% of Total
Domestic Exports									
1965	8,525.1	4,840.5	56.8	1,174.3	13.8	. .	. .	2,510.3	29.4
1966	10,070.6	6,027.7	59.9	1,122.6	11.1	. .	. .	2,920.5	29.0
1967	11,121.0	7,088.5	63.8	1,169.1	10.5	. .	. .	2,863.4	25.7
1968	13,270.0	8,942.5	67.4	1,209.6	9.1	. .	. .	3,117.9	23.5
1969	14,462.0	10,238.0	70.8	1,091.0	7.5	. .	. .	3,133.0	21.7
1970	16,401.0	10,580.0	64.5	1,465.0	8.9	. .	. .	4,356.0	26.6
1971	17,396.6	11,683.1	67.2	1,379.8	7.9	. .	. .	4,333.7	24.9
1972	19,660.7	13,575.0	69.0	1,369.6	7.0	. .	. .	4,715.1	24.0
1973	24,719.2	16,611.9	67.2	1,571.8	6.4	. .	. .	6,535.5	26.4
1974	31,674.5	20,762.5	65.6	1,911.9	6.0	. .	. .	9,000.1	28.4
1975	32,325.0	21,029.6	65.1	1,766.5	5.5	. .	. .	9,528.9	29.5
1976	37,258.8	25,138.6	67.5	1,831.8	4.9	. .	. .	10,288.4	27.6
1977	44,197.4	30,557.7	69.1	1,883.1	4.3	. .	. .	11,756.6	26.6
1978	51,719.1	36,283.1	70.2	1,984.0	3.8	2851.4	5.5	10,600.5	20.5
1979	64,193.6	43,439.4	67.7	2,588.6	4.0	4,599.9	7.2	13,565.6	21.1
1980	74,228.7	46,825.4	63.1	3,192.6	4.3	6,226.5	8.4	17,984.2	24.2
Imports									
1965	8,633.1	6,044.8	70.0	619.1	7.2	. .	. .	1,969.3	22.8
1966	10,071.9	7,204.4	71.5	672.6	6.7	. .	. .	2,194.9	21.8
1967	10,872.2	7,951.3	73.1	650.1	6.0	. .	. .	2,270.8	20.9
1968	12,358.0	9,048.4	73.2	696.1	5.6	. .	. .	2,613.5	21.1
1969	14,130.4	10,243.2	72.5	791.1	5.6	. .	. .	3,095.5	21.9
1970	13,951.9	9,917.2	71.1	738.2	5.3	. .	. .	3,296.0	23.6
1971	15,618.1	10,950.6	70.1	837.3	5.4	. .	. .	3,830.2	24.5
1972	18,669.4	12,878.2	69.0	949.5	5.1	. .	. .	4,841.7	25.9
1973	23,302.6	16,483.6	70.7	1,005.4	4.3	. .	. .	5,813.6	24.9
1974	31,692.1	21,356.7	67.4	1,126.3	3.6	. .	. .	9,209.1	29.1
1975	34,635.5	23,559.3	68.0	1,222.0	3.5	. .	. .	9,854.2	28.5
1976	37,432.6	25,695.5	68.6	1,153.3	3.1	. .	. .	10,583.8	28.3
1977	42,068.2	29,552.0	70.2	1,281.2	3.1	. .	. .	11,235.0	26.7
1978	49,684.0	35,011.8	70.5	1,597.7	3.2	3,031.8	6.1	10,042.7	20.2
1979	62,677.7	45,391.8	72.4	1,928.3	3.1	3,658.0	5.8	11,699.5	18.7
1980	68,979.4	48,414.1	70.2	1,970.5	2.9	3,562.0	5.2	15,032.8	21.7

1) European Economic Community

Source: SC, *Exports by Commodities*, (65-004).
Imports by Commodities, (65-007).

Table 15.3
Exports[1] by Commodity Section, Canada and Ontario, 1975-1980

	Live Animals	Food, Feed Beverages and Tobacco	Crude Materials	Fabricated Materials	End Products, Inedible	Special Trans-actions Trade	Total
				$'000's			
Canada							
1975	86,757	4,026,760	7,965,403	9,994,338	10,702,707	81,436	32,857,401
1976	134,624	4,145,951	8,302,199	12,305,207	13,045,207	142,926	38,076,878
1977	151,726	4,429,243	8,856,591	15,062,520	15,621,919	75,433	44,197,433
1978	213,769	5,120,256	8,839,407	19,033,043	19,310,608	124,604	52,641,687
1979	245,634	6,090,952	12,549,406	24,528,786	21,923,704	179,836	65,518,318
1980	254,050	8,009,858	14,771,242	29,527,232	23,126,774	237,700	75,932,856
Ontario							
1975	23,879	645,939	954,149	2,754,909	8,064,916	28,539	12,472,331
1976	42,001	635,197	951,976	3,589,160	10,376,930	64,938	15,660,212
1977	35,298	723,172	1,038,298	4,519,134	12,745,157	38,312	19,099,371
1978	65,344	828,981	1,034,123	5,968,147	15,386,507	59,557	23,342,659
1979	102,255	1,021,727	1,379,732	7,585,100	16,675,326	76,626	26,840,766
1980[p]	91,966	1,238,788	1,511,683	9,601,287	15,730,167	77,475	28,251,366

1) Includes re-exports.

Source: SC, *Exports by Commodities* (65-004).
Industry and Tourism, Ontario Exports and Imports by Countries, Commodities and Industries

Table 15.4
Imports by Commodity Section, Canada and Ontario, 1975-1980

	Live Animals	Food, Feed Beverages and Tobacco	Crude Materials	Fabricated Materials	End Products, Inedible	Special Trans-actions Trade	Total
				$'000's			
Canada[1]							
1975	75,248	2,606,392	5,079,699	5,936,328	20,515,327	324,300	34,537,294
1976	108,609	2,763,280	5,087,297	6,220,100	22,748,101	505,180	37,432,567
1977	52,157	3,255,431	5,287,274	7,010,132	26,042,096	421,092	42,068,182
1978	80,413	3,698,975	5,885,874	8,773,340	30,856,544	388,851	49,683,997
1979	75,419	4,159,194	7,901,083	12,058,846	37,914,059	569,082	62,677,682
1980	113,219	4,659,080	11,266,918	12,681,833	39,486,175	772,139	68,979,364
Ontario							
1975	37,694	920,947	1,067,411	3,001,648	13,202,881	184,839	18,415,449
1976	77,642	1,011,916	1,051,996	3,260,716	14,689,739	252,395	20,344,404
1977	29,860	1,283,150	1,496,250	3,654,402	17,404,458	216,132	24,084,252
1978	50,980	1,351,014	1,868,244	4,786,823	20,156,187	199,683	28,412,931
1979[r]	45,488	1,590,023	2,794,586	6,921,275	24,169,674	285,437	35,806,483
1980[p]	72,721	1,829,170	3,945,264	7,262,066	23,982,269	414,059	37,505,600

1) Excludes the Northwest Territories

Source: SC, *Imports by Commodities* (65-007).
Industry and Tourism, Ontario Exports and Imports by Countries, Commodities and Industries

Table 15.5
Balance of Payments: Merchandise Trade Balance and Current Account Balance, Canada, 1950-1980

	Merchandise Exports[1]	Merchandise Imports[1]	Merchandise Balance	Total Current Account Balance
			$ Million	
1950	3,139	3,132	7	−319
1951	3,950	4,101	−151	−512
1952	4,339	3,850	485	187
1953	4,152	4,210	−60	−448
1954	3,934	3,916	18	−424
1955	4,332	4,543	−211	−687
1956	4,837	5,565	−728	−1,372
1957	4,894	5,488	−594	−1,451
1958	4,887	5,066	−176	−1,137
1959	5,151	5,572	−421	−1,487
1960	5,392	5,540	−148	−1,233
1961	5,889	5,716	173	−928
1962	6,387	6,203	184	−830
1963	7,082	6,579	503	−521
1964	8,238	7,537	701	−424
1965	8,745	8,627	118	−1,130
1966	10,326	10,102	224	−1,162
1967	11,338	10,772	566	−499
1968	13,720	12,249	1,471	−97
1969	15,035	14,071	964	−917
1970	16,921	13,869	3,052	1,106
1971	17,961	15,534	2,427	306
1972	20,222	18,577	1,645	−655
1973	25,445	22,725	2,720	18
1974	32,591	30,893	1,698	−1,492
1975	33,347	33,986	−639	−4,965
1976	38,019	36,887	1,132	−4,329
1977	44,210	41,473	2,737	−4,299
1978	52,511	49,129	3,382	−5,302
1979	65,163	61,178	3,985	−5,019
1980	76,106	68,153	7,953	−1,538

1) Adjusted for balance of payments purposes.

Source: SC, *Quarterly Estimates of the Canadian Balance of International Payments*, (67-001).

Table 15.6
Value of Retail Trade by Kind of Business, Canada and Ontario, 1961-1980

	Total	Grocery & Combination Stores	Motor Vehicle Dealers	Service Stations and Garages	Department Stores	Shoe & Clothing Stores	Hardware Stores	Furniture, TV, Radio & Appliance Dealers	Fuel Dealers[1]	Other
					$ Million					
Canada										
1961[3]	16,073	3,704	2,599	1,492	1,551	1,008	300	572	347	4,500
1962	17,137	3,914	2,957	1,582	1,629	1,086	301	587	412	4,669
1963	18,207	4,176	3,312	1,624	1,730	1,158	310	601	425	4,871
1964	19,493	4,481	3,612	1,695	1,892	1,254	320	627	421	5,191
1965	21,155	4,825	4,175	1,778	2,010	1,360	332	678	448	5,549
1966[2]	22,686	5,352	4,338	1,874	1,974	1,382	356	740	475	6,195
1967	24,155	5,685	4,433	2,004	2,158	1,513	366	784	461	6,751
1968	25,710	5,986	4,714	2,180	2,445	1,588	392	816	471	7,118
1969	27,401	6,401	4,796	2,318	2,737	1,672	391	868	466	7,752
1970	28,034	6,849	4,197	2,531	2,852	1,732	383	847	473	8,170
1971	30,646	7,260	4,925	2,695	3,184	1,867	409	942	523	8,841
1972[4]	34,086	7,721	6,240	2,687	3,714	1,991	433	953	. . .	10,346
1973	38,313	8,595	7,422	2,978	4,316	2,158	452	1,072	. . .	11,319
1974	44,739	10,263	8,303	3,595	5,071	2,420	529	1,362	. . .	13,196
1975	51,361	11,984	10,184	3,857	5,777	2,740	581	1,530	. . .	14,710
1976	57,128	13,156	11,058	4,596	6,510	3,141	639	1,630	. . .	16,399
1977	61,623	14,371	11,750	5,072	6,944	3,319	668	1,670	. . .	17,829
1978	68,769	16,193	13,480	5,536	7,704	3,697	706	1,811	. . .	19,643
1979	77,025	18,199	15,421	6,217	8,534	4,191	756	1,945	. . .	21,761
1980	84,027	20,204	15,698	6,987	9,367	4,603	792	2,064	. . .	24,310
Ontario										
1961[3]	6,207	1,399	982	572	527	395	102	237	180	1,813
1962	6,526	1,475	1,118	577	548	428	96	235	214	1,835
1963	6,948	1,577	1,245	595	583	459	100	249	204	1,936
1964	7,366	1,681	1,324	618	643	495	102	250	183	2,070
1965	8,043	1,808	1,552	654	678	541	105	279	188	2,238
1966[2]	8,625	2,017	1,585	702	745	523	112	305	200	2,436
1967	9,091	2,147	1,578	749	815	567	115	312	188	2,620
1968	9,885	2,257	1,732	806	946	622	128	332	185	2,877
1969	10,588	2,431	1,799	870	1,067	654	128	368	176	3,095
1970	10,885	2,621	1,574	970	1,118	685	126	358	174	3,259
1971	11,877	2,781	1,840	1,022	1,250	746	132	393	191	3,522
1972[4]	13,058	2,958	2,210	1,063	1,454	777	130	418	. . .	4,048
1973	14,505	3,301	2,568	1,176	1,650	842	127	468	. . .	4,372
1974	16,570	3,919	2,743	1,422	1,924	927	142	502	. . .	4,991
1975	19,151	4,578	3,595	1,469	2,165	1,024	164	590	. . .	5,566
1976	21,057	5,113	3,721	1,770	2,398	1,198	179	598	. . .	6,081
1977	22,719	5,503	4,078	1,974	2,583	1,255	172	591	. . .	6,562
1978	25,186	6,131	4,604	2,156	2,846	1,373	185	615	. . .	7,276
1979	27,515	6,749	5,050	2,357	3,085	1,546	199	630	. . .	7,898
1980	29,666	7,470	4,947	2,754	3,308	1,634	217	670	. . .	8,667

[1] Fuel dealers transferred to wholesale trade from 1972 on.
[2] Data from 1966 onward revised on the basis of 1966 Census of Merchandising.
[3] Data from 1961 onward incorporate several changes due to a revision to the Standard Industrial Classification: restaurants, caterers, cocktail lounges, taverns, dressmakers moved from retail to service; lumber and building material dealers, farm implement dealers, feed and seed stores, farm supply stores, harness shops moved from retail to wholesale; and automotive repair shops, radio and TV repair shops, jewellery repair and engraving, bicycle repair moved from service to retail.
[4] From 1972 on, figures have been revised.

Source: SC, *Retail Trade*

Table 15.7
Retail Trade Annual Sales, Canada, Ontario, Québec and British Columbia, 1956-1980

	Canada	Ontario	Québec	British Columbia[1]
		$ Million		
1956[2]	14,774	5,734	3,463	1,640
1957	15,423	5,943	3,710	1,683
1958	16,139	6,271	3,854	1,705
1959	17,087	6,615	4,114	1,793
1960	17,390	6,751	4,213	1,755
1961[3]	16,073	6,207	4,108	1,604
1962	17,137	6,526	4,486	1,751
1963	18,207	6,948	4,770	1,880
1964	19,493	7,366	5,120	2,086
1965	21,155	8,043	5,534	2,307
1966[2]	22,686	8,625	5,882	2,507
1967	24,155	9,091	6,379	2,648
1968	25,710	9,885	6,565	2,859
1969	27,401	10,588	6,962	3,165
1970	28,034	10,885	7,074	3,260
1971	30,646	11,877	7,681	3,632
1972	34,086	13,058	8,612	3,987
1973	38,313	14,505	9,697	4,646
1974	44,739	16,570	11,385	5,432
1975	51,361	19,151	13,020	5,938
1976	57,128	21,057	14,448	6,675
1977	61,623	22,719	15,563	7,284
1978	68,769	25,186	17,181	8,231
1979	77,025	27,515	19,625	9,195
1980	84,027	29,666	20,895	10,572

1) Includes Yukon and Northwest Territories.
2) Data from 1956–60 revised to conform with the 1961 census. Data from 1966 onward revised on the basis of 1966 Census of Merchandising.
3) Data from 1961 onward incorporate several changes due to a revision to the Standard Industrial Classification: restaurants, caterers, cocktail lounges, taverns, dressmakers moved from retail to service; lumber and building material dealers, farm implement dealers, feed and seed stores, farm supply stores, harness shops moved from retail to wholesale; and automotive repair shops, radio and TV repair shops, jewellery repair and engraving, bicycle repair moved from service to retail.

Source: SC, *Retail Trade*.

Table 15.8
Department Store Sales, by Province, Canada, 1975-1980

	1975	1976	1977[r]	1978[r]	1979[r]	1980
			$'000's			
Canada	5,776,759	6,509,645[r]	6,943,794	7,704,197	8,534,422	9,366,767
Ontario	2,165,270	2,397,867	2,583,218	2,845,524	3,085,155	3,308,384
Newfoundland	77,773	83,015	87,228	94,120	107,872	113,916
Prince Edward Island	33,031	38,378	42,590	48,256	51,739	53,582
Nova Scotia	145,341	161,408	174,327	195,092	213,281	231,447
New Brunswick	116,934	134,335	144,310	160,023	177,103	192,692
Québec	1,097,530	1,279,428	1,324,669	1,467,419	1,615,788	1,738,326
Manitoba	342,062	378,933[r]	395,651	427,317	459,009	478,247
Saskatchewan	158,820	183,819[r]	194,729	214,557	238,085	260,310
Alberta	723,268	840,982[r]	916,705	1,023,634	1,174,957	1,335,192
British Columbia[1]	916,730	1,011,480	1,080,367	1,228,255	1,411,433	1,654,671

1) Includes Yukon and Northwest Territories.

Source: SC, *Department Store Sales and Stocks*.

Section
16

Agriculture

Highlights

- **Farm and Farm Income** – In Ontario the number of farms has decreased from 1976 to 1980. The 1980 total of 85,800 represents a decrease of 3.4 per cent from 1976.

  The 1980 current value of farm lands and buildings in Ontario was $22.2 million, up $2.6 million or 13.0 per cent from 1979 and 28.1 per cent from 1978. The current value of implements and machinery was up 16.9 per cent to $3.2 million in 1980 from 1979. Livestock and poultry were up 8.7 per cent from 1979 to $2.5 million in 1980.

  Feed represented the biggest Ontario farm operating expense in 1980 at $600.6 million followed by interest and wages at $465.5 million and $396.0 million respectively.

  From 1976 to 1980 Ontario cash receipts from farm products increased 55.0 per cent to $4.3 billion.

  Total net income from farming operations in Ontario rose by 20.8 per cent between 1962 and 1972 to reach $372.9 million. A notable increase in total net income occurred between 1972 and 1980 increasing by 69.4 per cent to $631.7 million.

  In 1976 total crops made up 35.8 per cent, whereas total livestock products made up 59.8 per cent of total cash receipts. By 1980, total crops and total livestock products accounted for 33.8 and 63.5 per cent respectively, of total cash receipts.

  Between 1976 and 1979 tobacco has consistently yielded the highest cash receipts for crops. In 1980 corn yielded the highest of Ontario's total crop receipts. Similarly, cattle and calves have consistently yielded the highest revenues for livestock products; in 1980 the yield was 40.7 per cent of total livestock products receipts.

- **Farm Production** – Ontario potato production decreased 6.1 per cent from 1979 to 727.7 million pounds in 1980. Processing tomato production decreased 8.8 per cent from 1979 to 835.0 million in 1980. The total farm value of potatoes was $57.3 million in 1980 up 133.8 per cent from 1979.

  Marketed production of apples in Ontario in 1980 was 377.7 million pounds representing a 22.0 per cent increase from 1979. The farm value of the apples was $37.3 million, up 11.2 per cent from 1979. Marketed production of grapes decreased 5.7 per cent from 1979 to 1980; the total farm value of grapes increased 7.8 per cent in this period.

  Cattle and calves on Ontario farms totalled approximately 3 million for each year between 1962 and 1980. The number of pigs increased 18.3 per cent from 1962 to 1972 and increased 45.6 per cent from 1972 to 1980. Sheep and lambs decreased by 6.7 per cent to 195,000 from 1972 to 1980.

  From 1977 to 1980 total milk production in Ontario increased 1.1 per cent to 2,470,656 kilolitres. In that period, the cash receipts for milk rose 31.9 per cent to $790.5 million.

  In 1980, wheat in Ontario had a yield of 54 bushels per acre and covered 480,000 acres; hay yielded 3.0 tons per acre and covered 2.7 million acres; and grain corn had a yield of 93 bushels per acre and covered 2.0 million acres.

Definitions

Cash Receipts – Receipts from the sale of agricultural products.

Income in Kind – This item represents the value of consumption of homegrown food, wool and woodlot products.

Operating and Depreciation Charges – This estimate includes farm business costs incurred by farmers regardless of whether they are paid for in cash or accumulated as new debt. As far as possible, they exclude outlays for goods and services obtained directly from other farmers. All subsidy payments are taken into account in order that the estimates represent only net amounts paid by farmers.

Depreciation charges are intended to reflect the amount that farmers would have to pay to accommodate the decline in value of farm buildings and machinery due to obsolescence and wear.

Realized Net Income – Is obtained by adding together farm cash receipts from the sale of agricultural products, supplementary payments, and the value of income in kind, and deducting farm operating expenses and depreciation charges. This estimate of farm net income represents the amount of income from farming that operators have left for family living, personal taxes and investment after provision has been made for operating expenses and depreciation charges.

Value of Inventory Change – The value of inventory change is obtained by calculating the change in the quantity of field crops and the number of livestock on farms between the beginning and end of the year and valuing the difference at average annual prices.

Total Net Income – Is obtained by adjusting realized net income to take into account changes occurring in inventories of livestock and stocks of field crops on farms between the beginning and end of the year. This latter estimate of income is used in calculating the contribution of agriculture to National Income and for making comparisons with net income of non-farm business enterprises.



Map 16.A Change in Improved Farmland[1], 1971-1976

Percent

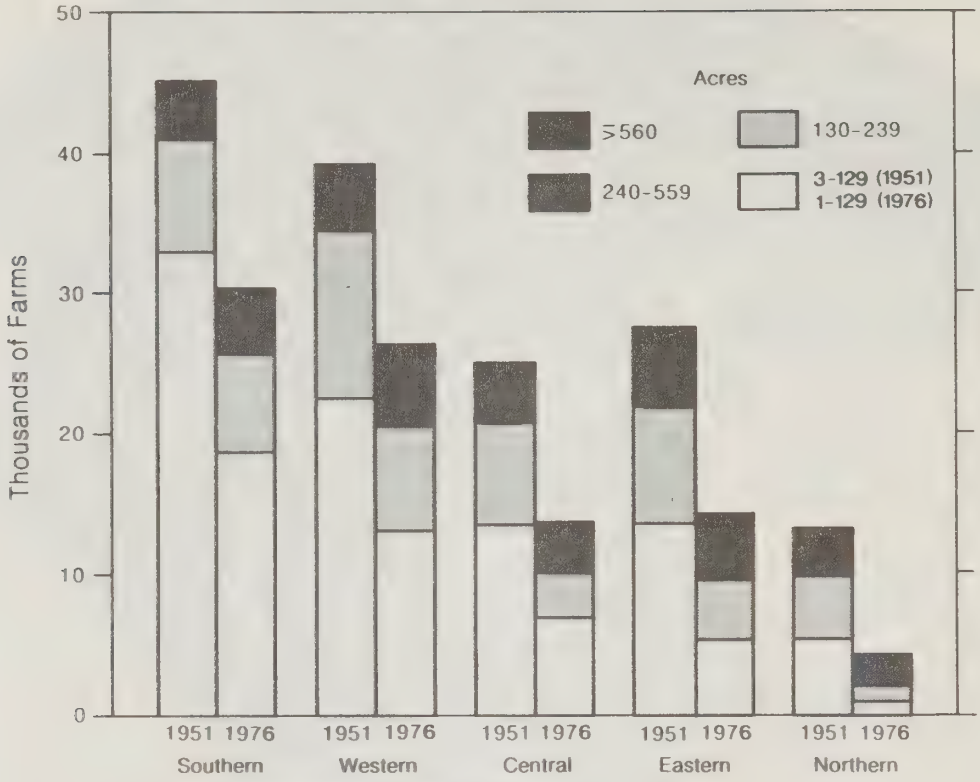
Decrease	▨	> 7.50
Decrease		< 7.51 and > 2.50
Little Change		–
Increase		> 2 49

Area farmed by county

[illegible] Statistical Services Division, data from the Ministry of Agriculture and Food, Economics Branch

Graph 16.B

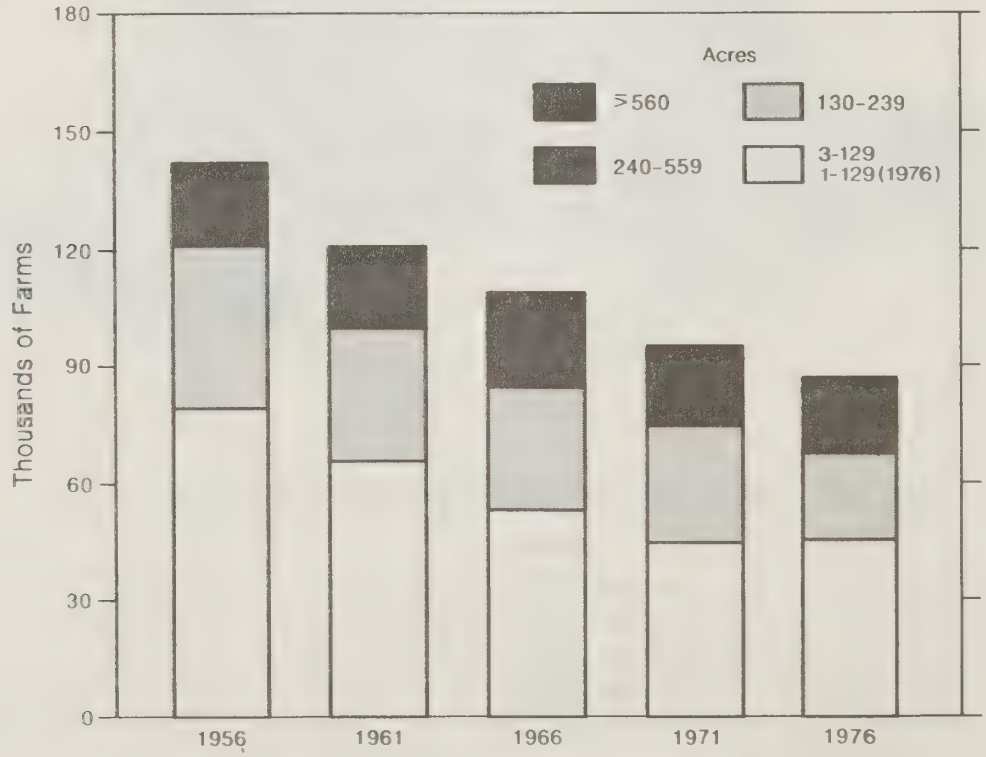
Farm Size by Region, Ontario, 1951 and 1976



Source Ministry of Agriculture and Food *Agricultural Statistics for Ontario 1978*

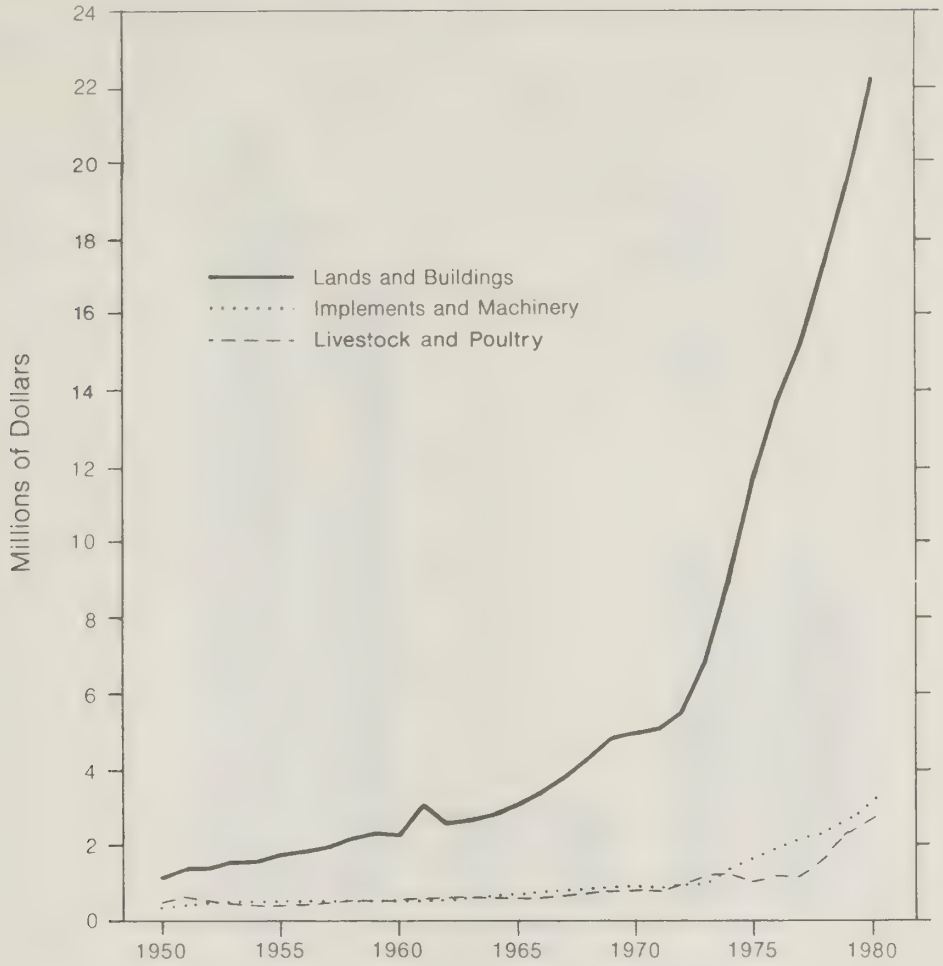
Graph 16.C

Number of Farms by Size Group, Ontario, Census Years, 1956-1976



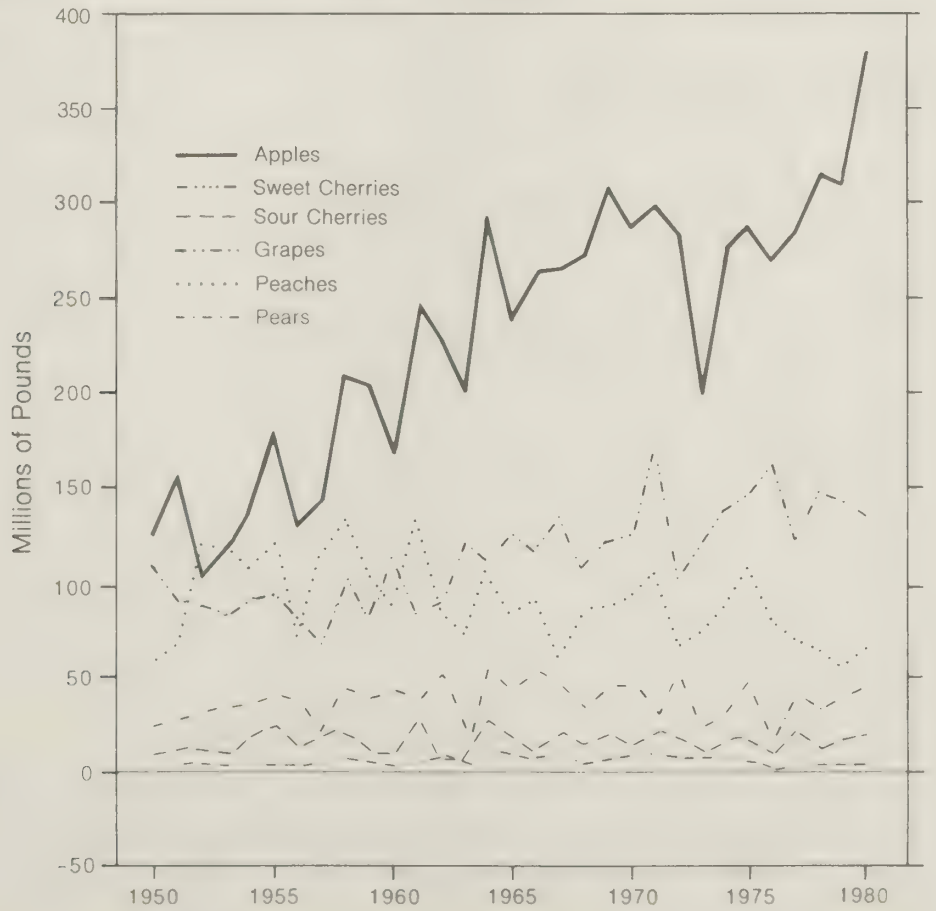
Source Ministry of Agriculture and Food *Agricultural Statistics for Ontario 1978*

Graph 16.D
Current Values of Farm Capital by Item, Ontario, 1950-1980



Refer to Table 16.3

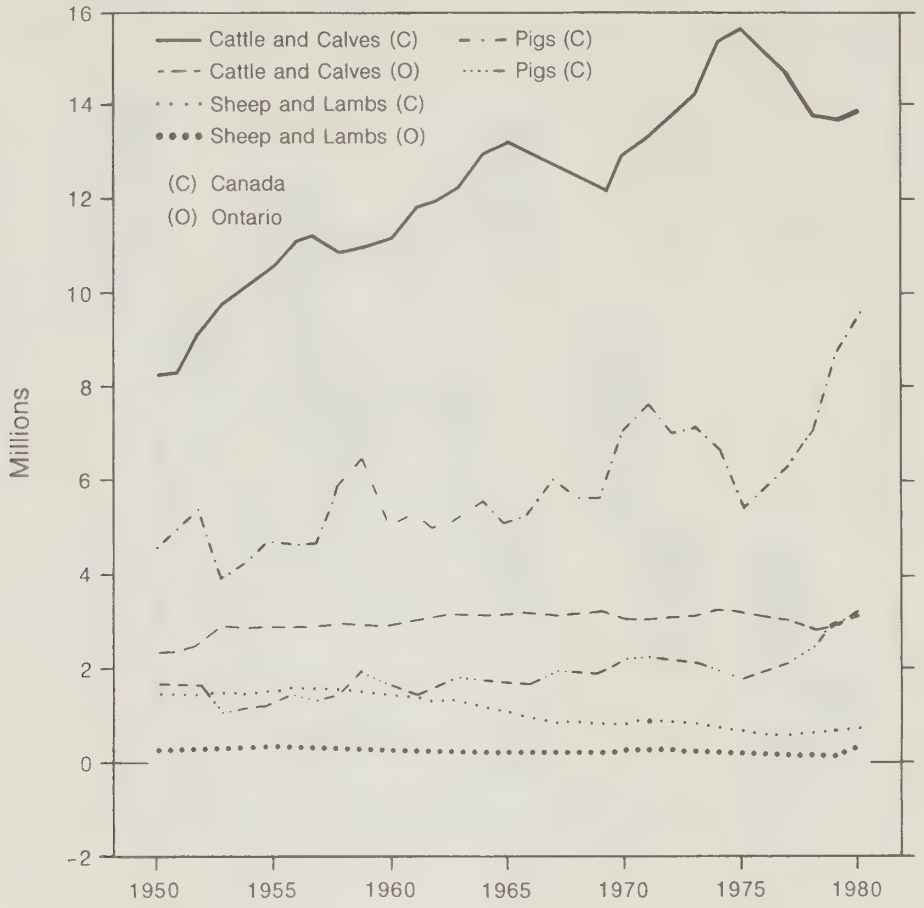
Graph 16.E
Fruit Production by Selected Type, Ontario, 1950-1980



Refer to Table 16.12

Graph 16.F

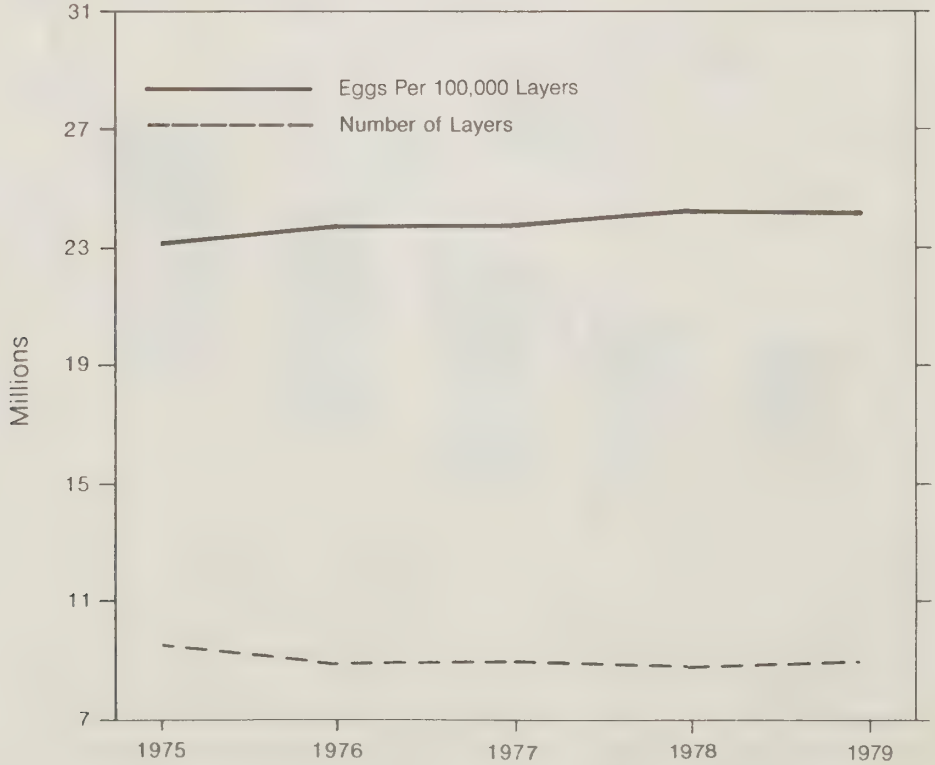
Number of Livestock on Farms by Class, Canada and Ontario, 1950-1980



Refer to Table 16.13.

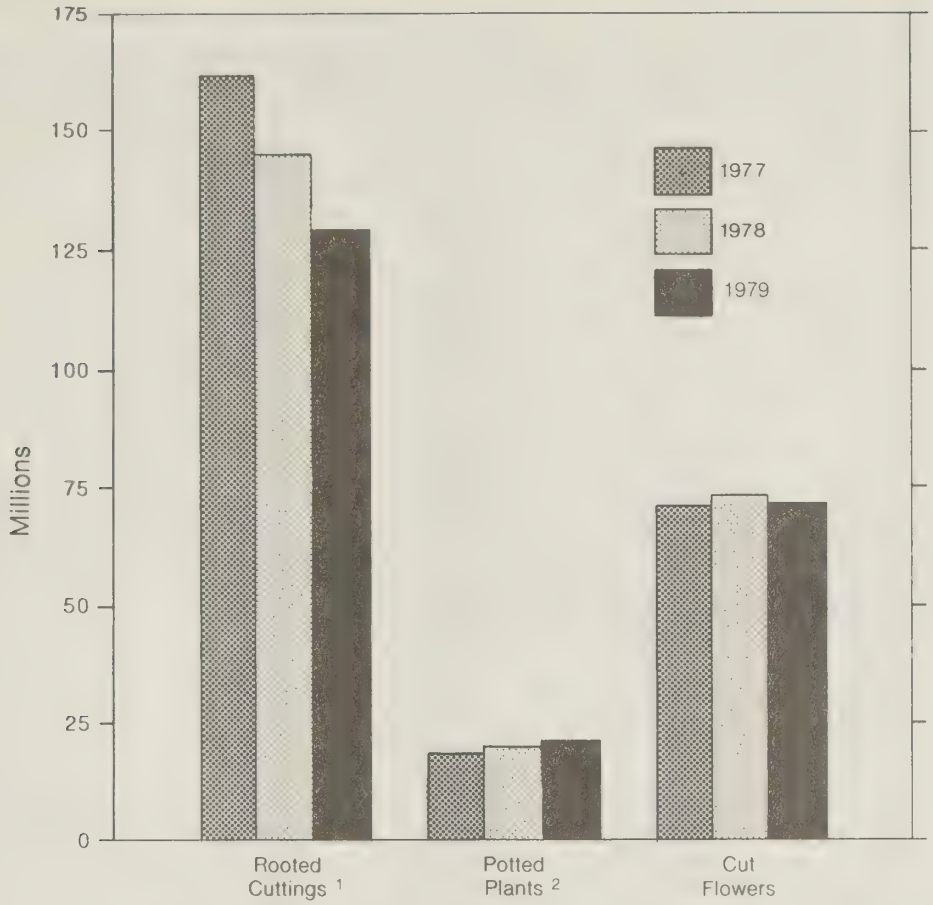
Graph 16.G

Production of Eggs, Ontario, 1975-1979



Refer to Table 16.16

Graph 16.H
Flower Production, Ontario, 1977-1979



[1] Includes bedding plants and, for 1978 and 1979, both rooted and unrooted cuttings
[2] Includes hanging baskets

Refer to Table 16.17

Table 16.1
Estimates of Farm Numbers, by Province[1], 1976, 1979 and 1980

Province	1976	1979	1980
Prince Edward Island	3,700	3,100	3,100
Nova Scotia	5,400	5,800	5,800
New Brunswick	4,600	3,600	3,700
Quebec	51,600	51,500	51,500
Ontario	88,800	85,800	85,800
Manitoba	32,100	29,300	29,300
Saskatchewan	71,000	69,600	69,200
Alberta	61,100	60,000	58,500
British Columbia	19,400	20,600	20,800
Canada	337,700	329,300	327,700

1) Newfoundland estimates are not available as the survey method used in that province is not suited to farm number estimation.

Source: SC, 1976 Census of Agriculture.
SC, Farm and Agriculture Enumerative Surveys, Agriculture Statistics Division.

Table 16.2
Farm Enlargement Statistics[1], by County, Ontario, 1980[2]

County/District	Farms	Purchases Acres	Cost	Average Cost Per Acre	Average Farm Acreage
Ontario	3,065	446,604	36,608,905	81.97	145
Algoma	40	7,340	402,150	54.78	183
Bruce	342	41,447	4,720,414	113.89	121
Cochrane	188	30,039	495,216	16.48	159
Dufferin	10	1,354	142,800	105.46	135
Dundas	201	21,008	2,397,178	114.10	104
Durham	1	102	5,500	53.92	102
Frontenac	29	7,271	486,143	66.86	250
Glengarry	75	9,087	1,010,618	111.21	121
Grenville	73	10,917	834,750	76.46	149
Grey	188	22,375	2,725,775	121.82	119
Haldimand	6	579	55,650	96.11	96
Haliburton	3	900	37,000	41.11	300
Hastings	89	13,926	1,138,707	81.76	156
Huron	178	20,528	2,609,445	127.11	115
Kenora	8	2,426	61,540	25.36	303
Kent	5	830	108,500	130.72	166
Lambton	15	1,681	226,750	134.88	112
Lanark	74	15,448	978,950	63.37	208
Leeds	141	22,251	1,872,655	84.16	157
Lennox & Addington	53	10,558	1,088,610	103.10	199
Manitoulin	80	18,839	938,350	49.80	235
Middlesex	3	284	31,000	109.15	94
Muskoka	2	376	39,000	103.72	188
Nipissing	55	11,832	507,450	42.88	215
Northumberland	27	2,671	432,769	162.02	98
Ontario	1	100	8,000	80.00	100
Ottawa-Carleton	22	2,581	345,000	133.66	117
Parry Sound	15	2,959	106,100	35.85	197
Perth	24	2,772	409,000	147.54	115
Peterborough	11	1,438	128,971	89.68	130
Prescott	285	30,424	3,227,467	106.08	106
Prince Edward	48	6,413	676,850	105.54	133
Rainy River	111	22,669	670,050	29.55	204
Renfrew	136	26,565	1,644,534	61.90	195
Russell	85	8,820	967,686	109.71	103
Simcoe	4	485	87,000	179.38	121
Stormont	168	20,346	1,849,917	90.92	121
Sudbury	26	5,435	294,340	54.15	209
Thunder Bay	17	5,116	187,060	36.56	300
Timiskaming	133	23,607	1,728,100	73.20	177
Victoria	16	3,268	283,910	86.87	204
Wellington	43	4,848	528,000	108.91	112
Cochrane 6040[3]	34	4,689	120,000	25.59	137

1) Farms purchased under the farm enlargement program of the Ministry of Agriculture and Food.
2) Cumulative data to March 31, 1980.
3) Land purchased under a different program.

Source: The Ministry of Agriculture and Food, *Annual Report*.

Table 16.3
Current Values of Farm Capital by Item, Canada[1] and Ontario, 1950-1980

	Livestock and Poultry[2]		Lands and Buildings		Implements and Machinery	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
			$'000's			
1950	1,467,580	485,067	5,022,642	1,194,178	1,681,075	389,352
1951	2,006,491	682,197	5,512,519	1,419,364	1,931,880	445,278
1952	1,790,874	561,148	5,668,467	1,464,329	2,076,787	486,270
1953	1,556,503	490,068	6,295,977	1,600,376	2,257,636	519,570
1954	1,424,076	454,733	6,183,050	1,667,247	2,352,548	531,526
1955	1,462,727	459,295	6,567,066	1,803,294	2,283,627	520,991
1956	1,422,719	430,056	6,852,657	1,893,223	2,263,286	526,358
1957	1,512,472	465,308	6,958,491	1,984,305	2,371,409	556,333
1958	1,860,461	575,884	7,440,775	2,165,316	2,441,191	574,683
1959	1,956,443	593,555	7,842,190	2,391,292	2,509,654	589,969
1960	1,878,010	578,124	8,226,925	2,369,386	2,575,025	596,787
1961	1,990,234	593,722	8,603,397	3,125,974	2,565,538	579,282
1962	2,053,255	627,081	8,956,699	2,669,855	2,659,783	603,896
1963	2,126,188	614,886	9,571,797	2,719,070	2,810,539	633,141
1964	2,191,530	619,394	10,536,963	2,930,871	3,015,562	667,583
1965	2,137,861	616,873	11,816,736	3,125,974	3,263,250	710,403
1966	2,364,002	678,372	13,149,821	3,451,146	3,548,848	758,398
1967	2,517,816	731,261	14,828,164	3,881,140	3,723,206	797,591
1968	2,489,739	744,872	16,338,228	4,374,353	3,872,524	833,154
1969	2,955,806	855,239	16,626,354	4,968,160	3,925,308	855,336
1970	3,139,658	857,083	16,738,363	5,005,110	3,922,979	877,785
1971	3,065,068	794,743	16,911,982	5,183,419	3,904,961	890,037
1972	3,751,175	970,447	18,348,579	5,589,824	4,124,931	961,411
1973	4,907,390	1,219,440	22,232,843	6,934,065	4,517,817	1,066,466
1974	5,092,915	1,263,299	29,020,886	9,130,954	5,705,560	1,315,634
1975	4,126,800	1,108,341	36,640,600	11,662,374	7,515,692	1,672,114
1976	4,478,832	1,217,535	43,496,491	13,822,338	9,026,870	1,940,182
1977	4,543,892	1,211,336	46,703,744	15,273,683	9,999,298	2,113,952
1978	6,266,521	1,592,084	52,585,899	17,320,357	11,292,516	2,369,669
1979	8,994,498[r]	2,296,251[r]	62,640,164	19,641,285	12,826,422	2,700,057
1980	9,809,633	2,496,703	74,125,683	22,194,652	14,796,473	3,156,806

1) Excludes Newfoundland.
2) Includes value of animals on fur farms.

Source: CANSIM, *Current Value of Farm Capital by Items.*

Table 16.4
Farm Net Income, Ontario, 1976-1980

	1976[r]	1977[r]	1978[r]	1979[r]	1980
			$'000's		
Cash receipts	2,791,900	2,865,736	3,417,018	4,022,342	4,326,190
Income in Kind	43,552	45,445	57,858	72,193	70,657
Supplementary Payments	–	–	–	–	–
Realized Gross Income	2,835,452	2,911,181	3,474,876	4,094,535	4,396,847
Operating and Depreciation Charges	2,162,487	2,321,861	2,784,848	3,333,642	3,860,754
Realized Net Income	672,965	589,320	690,028	760,893	536,093
Value of Inventory Change	−84,155	80,204	−29,893	107,386	95,618
Total Gross Income	2,751,297	2,991,385	3,444,983	4,201,921	4,492,465
Total Net Income	588,810	669,524	660,135	868,279	631,711

Source: SC, Agriculture Statistics Division

Table 16.5
Farm Operating Expenses and Depreciation Charges, Ontario, 1975-1980

	1975[r]	1976[r]	1977[r]	1978[r]	1979[r]	1980
			$'000's			
Taxes[1]	25,508	29,852	32,192	35,131	36,614	39,177
Rent	57,693	62,062	68,496	87,271	98,833	114,866
Cash rent	47,916	52,007	58,155	77,839	81,066	91,929
Share rent	9,777	10,055	10,341	9,432	17,767	22,937
Wages	233,550	252,505	291,658	313,350	352,289	396,036
Cash wages	225,497	244,865	284,410	305,419	340,619	381,834
Room and board	8,053	7,640	7,248	7,931	11,670	14,202
Interest[2]	147,942	183,524	201,397	253,830	374,408	465,485
Total machinery[3]	194,283	212,140	223,799	238,626	291,722	333,415
Fuel	77,294	82,122	85,711	95,265	113,526	137,934
Machinery repairs and other expenses	116,989	130,018	138,088	143,361	178,196	195,481
Fertilizer and lime	160,046	147,664	152,322	191,410	222,715	275,081
Fertilizer	159,736	147,389	152,022	189,562	220,952	273,318
Lime	310	275	300	1,848	1,763	1,763
Other Crop Expenses	143,101	146,506	156,365	186,744	247,308	269,636
Pesticides	53,029	55,549	57,523	70,846	98,402	103,519
Seed	67,139	67,310	72,577	86,324	107,739	117,005
Irrigation	–	–	–	–	–	–
Twine, wire and containers	22,933	23,647	26,265	29,574	41,167	49,112
Feed[4]	365,740	373,600	384,197	444,148	523,642	600,617
Other Livestock Expenses	135,375	136,479	134,858	276,252	333,617	391,382
Feeder cattle and weanling pigs	111,406	110,273	107,806	238,228	290,359	343,102
Breed Association fees	1,349	1,532	1,685	1,715	2,076	2,362
A.I. fees and veterinary expenses	22,620	24,674	25,367	36,309	41,182	45,918
Repairs to Buildings	42,692	46,441	49,355	60,542	65,227	70,641
Electricity and Telephone	38,001	44,816	55,601	68,095	75,331	78,499
Electricity	29,555	35,274	44,912	54,781	60,925	64,093
Telephone	8,446	9,542	10,689	13,314	14,406	14,406
Miscellaneous	153,525	167,518	179,784	190,220	215,545	254,468
Insurance	9,920	12,306	12,885	16,458	17,228	22,821
Fencing	8,460	8,798	8,956	9,100	10,253	11,381
Custom work	33,582	35,405	37,327	27,467	25,762	29,291
Heating fuel	34,571	39,857	43,636	46,650	52,629	63,944
Miscellaneous	65,432	69,376	74,186	90,545	109,673	127,031
Stabilization levies	1,560	1,776	2,794	–	–	–
Total Operating Expenses	1,697,456	1,803,107	1,930,024	2,345,619	2,837,251	2,289,303
Depreciation	306,800	359,380	391,837	439,229	496,391	571,451
Buildings	108,134	126,761	138,521	154,773	172,875	192,367
Machinery	198,666	232,619	253,316	284,456	323,516	379,084
Total Operating Expenses and Depreciation Charges	2,004,256	2,162,487	2,321,861	2,784,848	3,333,642	3,860,754

1) Owned land and buildings only.
2) Interest payments on outstanding farm mortgages for owned land and buildings, together with interest payments on all other farm business debts.
3) For the farm business.
4) Purchases through commercial channels only.

Source: SC, *Farm Net Income*.

Table 16.6

Income of Farm Operators from Farming Operations by Component, Canada[1] and Ontario, 1951-1980

	Value of Inventory Change		Realized Gross Income[2]		Cash Receipts From Farm Products		Income in Kind		Supplementary Payments[3]	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
					$'000's					
1951	327,433	34,206	2,956,005	837,961	2,725,182	784,073	220,467	53,888	10,356	..
1952	282,165	19,025	3,020,095	790,060	2,798,534	739,254	216,430	50,806	5,131	..
1953	74,559	16,383	2,904,087	761,826	2,708,590	715,952	193,925	45,874	1,572	..
1954	-77,151	13,175	2,476,111	737,319	2,292,708	693,741	180,976	43,578	2,427	..
1955	202,834	-27,090	2,444,186	763,967	2,239,058	723,857	171,790	40,110	33,338	..
1956	194,967	22,173	2,698,520	754,384	2,529,300	718,654	164,216	35,730	5,004	..
1957	-118,143	15,633	2,678,699	794,017	2,515,917	758,954	160,795	35,063	1,987	..
1958	-46,924	31,861	2,975,524	871,967	2,754,229	837,192	161,167	34,775	60,128	..
1959	-63,583	-9,371	2,926,629	876,088	2,753,873	843,132	150,669	32,956	22,087	..
1960	67,904	8,148	2,958,377	882,918	2,734,498	850,334	146,675	32,584	77,204	..
1961	-273,526	27,792	3,063,353	903,542	2,887,916	872,530	139,671	31,012	35,766	..
1962	193,946	22,001	3,317,159	962,002	3,111,936	931,126	134,910	30,876	70,313	..
1963	302,575	-31,764	3,345,757	1,032,941	3,199,851	1,001,982	131,137	30,959	14,769	..
1964	-85,700	-16,069	3,630,725	1,050,464	3,495,646	1,020,203	126,602	30,261	8,477	..
1965	48,216	-1,474	3,960,228	1,132,770	3,818,302	1,101,871	129,164	30,535	12,762	364
1966	173,392	40,237	4,439,599	1,298,246	4,272,215	1,256,350	126,039	32,256	41,345	9,640
1967	-169,039	-687	4,523,556	1,324,194	4,395,680	1,293,778	121,739	30,416	6,137	-
1968	231,885	8,037	4,497,956	1,358,505	4,369,412	1,327,911	120,576	30,594	7,968	-
1969	285,816	-18,812	4,369,989	1,433,742	4,232,741	1,400,210	127,313	32,564	9,935	968
1970	62,997	9,045	4,370,137	1,441,502	4,192,643	1,410,863	119,287	30,639	58,207	-
1971	175,926	2,746	4,661,334	1,447,243	4,530,216	1,417,938	112,863	29,305	18,255	-
1972	-264,108	-48,472	5,650,751	1,686,704	5,510,737	1,653,465	125,975	30,997	14,039	2,242
1973	569,677	89,817	7,156,735	2,103,246	6,976,403	2,059,358	168,824	43,584	11,508	304
1974	-71,180	-36,370	9,209,858	2,560,444	8,994,870	2,517,675	157,513	42,763	57,475	6
1975	261,432	94,155	10,297,160	2,739,898	10,112,141	2,696,311	154,729	43,587	30,290	-
1976	327,214	-84,155	10,228,630	2,835,452	10,068,171	2,791,900	160,459	43,553	-	-
1977	196,841	80,204	10,357,454	2,911,181	10,190,345	2,865,736	167,109	45,445	-	-
1978	189,476	-29,693'	12,232,070	3,474,876	12,016,647	3,417,018	215,423	57,858	-	-
1979	37,104	107,386'	14,511,991	4,094,535	14,251,197	4,022,342	260,794	72,193	-	-
1980	275,503	95,618	15,894,880	4,396,847	15,637,578	4,326,190	257,302	70,657	-	-

Table 16.6 (cont'd.)
Income of Farm Operators from Farming Operations by Component, Canada[1] and Ontario, 1951-1981

	Total Gross Income		Operating and Depreciation Charges		Realized Net Income[5]		Total Net Income[6]	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
	$'000's							
1951	3,283,438	872,167	1,378,805	433,175	1,577,200	404,786	1,904,633	438,992
1952	3,302,260	809,085	1,452,133	448,656	1,567,962	341,404	1,850,127	360,429
1953	2,978,646	778,209	1,453,566	455,240	1,450,521	306,586	1,525,080	322,969
1954	2,398,960	750,494	1,454,938	472,619	1,021,173	264,700	944,022	277,875
1955	2,647,020	736,877	1,515,839	487,913	928,347	276,054	1,131,181	248,964
1956	2,893,487	776,557	1,625,787	537,692	1,072,733	216,692	1,267,700	238,865
1957	2,560,556	809,650	1,622,199	536,351	1,056,500	257,666	938,357	273,299
1958	2,928,600	903,828	1,726,800	573,229	1,248,724	298,738	1,201,800	330,599
1959	2,863,046	866,717	1,829,715	615,145	1,096,914	260,943	1,033,331	251,572
1960	3,026,281	891,066	1,900,303	628,424	1,058,074	254,494	1,125,978	262,642
1961	2,789,827	931,334	1,948,702	658,293	1,114,651	245,249	841,125	273,041
1962	3,511,105	984,003	2,062,580	675,317	1,254,579	286,685	1,448,525	308,686
1963	3,648,332	1,001,177	2,202,667	727,320	1,143,090	305,621	1,445,665	273,857
1964	3,545,025	1,034,395	2,339,570	779,269	1,291,155	271,195	1,205,455	255,126
1965	4,008,444	1,131,296	2,523,590	827,943	1,436,638	304,827	1,484,854	303,353
1966	4,612,991	1,338,483	2,771,564	903,789	1,668,035	394,457	1,841,427	434,694
1967	4,354,517	1,323,507	2,970,546	987,821	1,553,010	336,373	1,383,971	335,686
1968	4,729,841	1,366,542	3,080,061	1,008,883	1,417,895	349,622	1,649,780	357,659
1969	4,655,805	1,414,930	3,149,832	1,046,391	1,220,157	387,351	1,505,973	368,539
1970	4,433,134	1,450,547	3,157,499	1,082,042	1,212,638	359,460	1,275,635	368,505
1971	4,837,260	1,449,989	3,414,077	1,149,298	1,247,257	297,945	1,423,183	300,691
1972	5,386,643	1,638,232	3,756,706	1,265,367	1,894,045	421,337	1,629,937	372,865
1973	7,726,412	2,193,063	4,558,882	1,494,930	2,597,853	608,316	3,167,530	698,133
1974	9,138,678	2,524,074	5,617,898	1,759,974	3,591,960	800,470	3,520,780	764,100
1975	10,558,592	2,834,053	6,523,836	2,004,256	3,773,324	735,642	4,034,756	829,797
1976	10,555,844	2,751,297	7,296,413	2,162,487	2,932,217	672,965	3,259,431	588,810
1977	10,554,295	2,991,385	7,800,102	2,321,861	2,557,352	589,320	2,754,193	669,524
1978	12,421,546	3,444,983	9,107,695	2,784,848	3,124,375	690,028	3,313,851	660,135
1979	14,549,095	4,201,921	10,938,688	3,333,642	3,573,303	760,893	3,610,407	868,279
1980	15,619,377	4,492,465	12,580,551	3,860,754	3,314,329	536,093	3,038,826	631,711

1) Excludes Newfoundland.
2) Sums of cash receipts, income in kind and supplementary payments.
3) Payments made by the province of Québec to beef, poultry and potato farmers due to the poor economic conditions faced by these farmers.
4) Realized gross income plus or minus inventory changes.
5) Realized gross income less operating and depreciation charges.
6) Total gross income less operating and depreciation charges.

Source: CANSIM, Income of Farm Operators from Farming Operations by Components Agriculture Canada, *Canadian Agriculture Out Look*

Table 16.7
Farm Cash Receipts from Farming Operations by Products, Ontario, 1976-1980

	1976	1977	1978	1979[r]	1980
			$'000's		
Wheat	80,548[4]	84,211[4]	32,530[4]	77,499[4]	99,294
Oats	2,170	1,860	1,834	2,234	2,687
Barley	6,771	5,625	6,113	8,111	11,174
Rye	379	214	304	689	1,057
Flaxseed	–	–	–	–	–
Soybeans	78,143	79,642	152,783	128,787	197,987
Corn	153,062	152,644	191,686	216,425	357,497
Sugar beets	–	–	–	–	–
Potatoes	34,451	34,676	26,538	29,137	42,861
Fruits	69,379	67,121	83,969	91,635	97,922
Vegetables	160,702	155,010	176,803	184,688	200,098
Floriculture and Nursery	101,790	105,151	115,000	133,173	143,650
Tobacco	220,785	172,029	252,577	273,605	196,198
Other crops	78,921	72,576	78,168	97,279	101,422
Crop Insurance Payments	11,546	19,945	15,500	52,282	11,500
Total Crops	998,647	950,704	1,133,805	1,295,544	1,463,347
Cattle and calves	572,463	668,620	896,924	1,109,628	1,116,528
Hogs	297,782	285,667	398,561	452,848	467,374
Sheep and lambs	4,407	4,684	5,920	7,046	8,319
Dairy products	481,859	508,118	524,513	603,589	710,134
Poultry	171,803	170,924	192,956	236,282	237,146
Eggs	113,639	115,472	119,168	132,655	154,770
Other livestock products	28,889	34,740	42,975	45,851	51,456
Total Livestock Products	1,670,842	1,788,225	2,181,017	2,587,899	2,745,727
Forest and maple products	9,853	10,167	12,995	15,534	13,752
Provincial Income Stabilization Program	22,650	12,613	–	5,526	6,815
Dairy supplement payments	83,414	86,615	81,216	78,192	80,364
Defincicency payments[1]	6,494[3]	17,412[3]	7,985[3]	39,647	16,185
Cash receipts from farming operations	2,791,900	2,865,736	3,417,018	4,022,342	4,326,190
Supplementary payments[2]	–	–	–	–	–
Total Cash Receipts	2,791,900	2,865,736	3,417,018	4,022,342	4,326,190

1) Made under the authority of the Agricultural Stabilization Act. For this report, items included in the deficiency payments are specified below. Deficiency payments on other products are *included* as part of the estimated income for those products.
2) Government assistance to farmers who suffered losses as a result of adverse weather conditions.
3) Includes deficiency payments as follows: 1973 – two-price wheat, fowl and hogs; 1974 – two-price wheat, beef, lambs, fowl and hogs; 1975 – two-price wheat, beef, potatoes, hogs and cows; 1976 – two-price wheat, potatoes, beef, cows, cattle, fruits and vegetables; 1977 – potatoes, cattle, cows, fruits and vegetables; 1978 – potatoes, cattle, cows, fruits and vegetables; 1979 – potatoes, cattle, winter wheat, barley, fruits and vegetables.
4) Includes Board payments of $35,027,000 for 1976, $25,189,000 for 1977, $7,894,000 for 1978, $23,638,000 for 1979, and $42,381,000 for 1980.

Source: SC, *Farm Cash Receipts*, (21-202).

Table 16.8
Agricultural and Food Exports, Ontario, 1970-1980

	Total	U.S.	U.K.	E.E.C.[1]	Caribbean	Japan	Other
				$ Million			
1970	421	267	93	11	17	2	31
1971[r]	387	234	100	11	16	2	24
1972[r]	429	252	100	21	20	5	31
1973[r]	556	333	110	29	26	15	43
1974[r]	507	264	126	28	21	11	57
1975[r]	605	325	101	35	23	24	97
1976[r]	670	339	100	58	31	29	113
1977[r]	712	400	95	59	24	40	94
1978[r]	921	462	122	72	36	62	167
1979[r]	1,140	609	134	102	51	60	184
1980	1,324	659	96	102	116	63	288

1) Excludes the United Kingdom.

Source: Ministry of Agriculture and Food, based on SC External Trade Division data.

Table 16.9
Vegetable Production by Selected Type, Ontario, 1955-1980

	Cabbage	Carrots	Corn, Processing	Corn, Fresh	Cucumbers	Onions (Dry)[1]	Peas, Processing	Tomatoes		Rutabagas
								Processing	Fresh Field	
					'000's lbs.					
1955	58,638	80,388	150,530	..	..	100,308	61,100	577,523	..	..
1956	62,866	87,444	133,624	..	..	78,240	39,286	496,833	..	..
1957	60,000	95,180	161,448	19,239	..	90,110	68,314	391,504	82,406	..
1958	65,210	108,410	158,708	22,839	..	78,402	40,964	629,227	93,774	..
1959	61,056	99,178	140,190	25,770	29,470	101,290	34,584	552,954	94,758	199,564
1960	60,490	111,276	165,788	20,170	30,707	115,794	46,728	671,178	102,984	209,836
1961	72,322	121,052	197,324	20,711	42,002	95,666	52,980	581,212	105,076	280,130
1962	67,518	137,988	217,310	20,710	39,390	139,344	48,422	695,844	97,286	143,420
1963	84,016	136,180	152,580	24,988	48,594	162,912	37,028	560,660	91,534	143,742
1964	70,502	127,398	207,410	21,240	56,784	131,020	53,526	636,948	84,574	174,678
1965	79,014	142,208	210,000	19,806	46,190	185,508	60,000	760,000	85,930	173,390
1966	72,960	164,644	240,000	27,484	69,550	114,238	36,800	580,000	97,688	129,950
1967	72,300	105,748	226,000	21,132	51,911	132,238	48,100	672,000	97,224	170,784
1968	75,302	163,378	260,000	21,468	77,334	157,020	72,000	638,000	57,644	178,008
1969	74,933	170,489	290,000	20,436	82,286	126,941	33,200	526,000	51,996	108,471
1970	79,754	157,551	260,000	29,760	101,220	121,511	58,000	718,000	62,751	142,395
1971	83,700	118,237	288,000	16,894	89,384	115,388	50,200	732,000	53,724	106,583
1972	84,082	156,472	330,000	29,684	72,682	106,052	53,000	648,000	46,144	118,770
1973	91,083	180,724	306,000	24,127	93,879	133,260	68,200	788,000	45,642	116,522
1974	83,772	204,953	308,000	22,854	89,818	144,512	79,000	688,000	38,187	118,959
1975	98,088	228,602	388,000	30,546	104,035	119,252	78,000	760,000	45,168	123,836
1976	100,978	149,759	355,000	..	91,272	121,200	62,000	833,630	46,476	135,989
1977	121,093	138,573	334,000	..	98,098	133,354	65,300	918,100	55,860	121,618
1978	138,352	227,711	300,000	..	104,704	182,771	63,000	937,000	50,303	119,841
1979	109,595	259,515	395,000	..	100,144	141,994	69,000	915,450	47,435	126,865
1980[p]	107,404	107,423	366,000	..	87,206	132,950	66,000	835,000	43,827	142,907

1) Bulb onions excluding green onions.
2) Includes topped, fresh, and processing.
3) Includes field, fresh, anud processing.

Source: SC, *Fruit and Vegetable Crop Reports*.
Ministry of Agriculture and Food, *Seasonal Fruit and Vegetable Report*.

	Unit	1979 Area[1]	1979 Average Yield per Acre	1979 Marketed Production	1979 Farm Value	1979 Total Farm Value[2]	1980[p] Area[1]	1980[p] Average Yield per Acre	1980[p] Marketed Production	1980[p] Farm Value	1980[p] Total Farm Value[2]
		Acres	'000's	'000's	¢/Unit	$'000's	Acres	'000's	'000's	¢/Unit	$'000's
Asparagus, fresh & proc.	lb.	2,551	1.6	3,983	69.0	2,744	2,426	1.5	3,571	81.9	2,924
Beans, green & wax fresh mkt.	lb.	1,526	5.8	8,792	24.0	2,085	1,909	5.1	9,811	23.1	2,262
Beans, green & wax – proc.[3]	lb	4,800	4.9	23,500	9.0	2,115	4,200	5.5	23,000	2,116	
Beans, Lima – proc.	lb.	1,500	3.0	4,500	18.6	840	630	2.6	1,628	20.0	326
Beets, bunching	lb.	127	10.0	1,269	23.0	293	146	10.5	1,523	27.4	418
Beets, topped	lb	852	28.5	23,349	3.2	748	784	28.5	21,976	3.4	739
Broccoli, fresh & proc.	lb	475	5.4	2,555	15.6	399	228	5.5	1,247	27.5	343
Brussel Sprouts, fresh & proc.	lb.	454	7.1	3,205	33.8	1,085	99	5.7	568	35.2	200
Cabbage, fresh & proc.	lb.	3,201	35.4	109,595	4.9	5,377	3,136	35.6	107,404	7.0	7,489
Carrots, fresh & proc. topped	lb.	4,440	64.0	259,515	3.2	8,297	3,255	42.0	107,423	5.9	6,386
Carrots, bunching	lb.	80	11.2	898	13.5	121	7.6	11.4	863	13.4	11.6
Cauliflowers, fresh & proc.	lb.	2,782	19.7	54,746	11.8	6,455	3,078	18.3	54,716	13.9	7,608
Celery, fresh & proc	lb.	602	73.9	44,500	5.9	2,641	629	72.4	43,661	7.6	3,327
Corn, sweet – fresh market	doz.	6,040	0.8	5,004	74.0	3,700	5,982	0.8	4,903	90.4	4,433
Corn, sweet – proc.	lb.	38,200	10.3	395,000	2.7	10,500	37,000	9.9	366,000	2.9	10,614
Cucumber, field fresh market	lb.	540	18.8	10,144	10.6	1,074	588	15.7	9,206	10.7	982
Cucumber, field proc.	lb	5,020	17.9	90,000	9.0	8,100	4,500	17.3	78,000	8.7	6,786
Cucumber, greenhouse[4]	doz.	. . .	. . .	1,887	334.0	6,309	. . .	. . .	1,907	362.0	6,900
Lettuce, head, fresh market	doz.	1,339	1.4	1,854	180.0	3,347	1,440	1.4	2,024	246.4	4,987
Onions, bunching	lb.	425	14.3	6,064	32.9	1,996	397	15.9	6,319	37.7	2,383
Onions, dry	lb.	5,070	33.4	141,994	5.7	7,905	5,015	27.9	132,950	10.2	13,497
Parsnips	lb.	285	21.6	4,433	11.1	490	256	19.6	4,068	15.3	624
Peas, green – proc.	lb.	21,400	3.2	69,000	12.0	8,300	20,000	3.3	66,000	13.3	8,778
Peppers, fresh & proc.	lb.	1,571	11.4	17,915	12.2	2,193	1,510	8.7	13,095	15.0	1,967
Potatoes	lb.	44,965	20.0	774,707	3.2	24,507	38,469	21.0	727,721	7.9	57,294
Pumpkin & Squash – proc.	lb.	1,200	23.4	28,100	1.4	393	1,100	26.7	29,400	1.5	441
Radishes	lb.	1,365	9.4	12,782	20.5	2,616	1,385	8.8	12,233	21.8	2,669
Rutabagas	lb.	4,097	37.9	126,865	3.8	4,860	4,086	38.5	142,907	5.9	8,468
Spinach, fresh & proc.	lb.	856	7.2	6,208	19.9	1,234	711	6.6	4,725	20.0	943
Tomatoes, fresh mkt.	lb.	2,770	17.1	47,435	15.6	7,386	2,827	15.7	43,827	16.3	7,149
Tomatoes, greenhouse	lb.	. . .	. . .	27,429	45.4	12,442	. . .	. . .	27,434	45.2	12,411
Tomatoes, proc	lb.	23,000	39.8	915,450	4.3	39,300	24,200	34.5	835,000	4.5	37,575
Total of above specified vegetables		181,533				179,852	170,062				223,157

1) Acreage harvested.
2) Does not include Federal subsidy payments.
3) Includes Romano beans.
4) Source: Ontario Greenhouse Vegetable Growers' Marketing Board

Source: Ontario Ministry of Agriculture and Food, *Fruit and Vegetable Report*.

Table 16.11
Fruit Production, Acreage and Value, Ontario, 1979-1980

	Unit	1979 Area[1]	1979 Total Production[2]	1979 Marketed Production[3]	1979 Farm Value per Marketed Unit	1979 Total Farm Value[4]	1980[p] Area[1]	1980[p] Total Production[2]	1980[p] Marketed Production[3]	1980[p] Farm Value per Marketed Unit	1980[p] Total Farm Value[4]
		Acres	'000's	'000's	¢	$'000's	Acres	'000's	'000's	¢	$'000's
Apples	lb.	24,520	310,025	309,602	10.8	33,516	24,453	378,204	377,729	9.9	37,269
Cantaloupes	lb.	114	1,620	1,620	14.3	232	109	933	933	16.2	151
Cherries, sour	lb.	2,248	17,294	17,109	48.0	8,131	2,258	21,764	19,920	25.0	4,971
Cherries, sweet	lb.	1,331	4,338	4,150	34.7	1,438	1,324	5,909	5,651	33.8	1,909
Grapes	lb.	26,508	141,114	140,714	14.0	19,720	26,526	133,365	132,755	16.0	21,262
Peaches	lb.	8,040	54,608	53,590	21.0	11,280	7,845	67,500	64,712	20.1	13,021
Pears, Bartlett	lb.	2,416	23,830	22,987	16.0	3,694	2,402	25,973	25,031	16.1	4,019
Pears, Keiffer	lb.	433	5,944	5,292	6.8	361	433	6,033	5,493	7.7	424
Pears, Bosc	lb.	. . .	. . .	. . .	. . .	. . .	547	6,424	6,184	19.3	1,193
Pears, other[5]	lb.	1,031[r]	8,314[r]	7,882[r]	18.2	1,432[r]	501	5,216	5,049	15.0	758
Plums & Prunes	lb.	1,466	8,933	8,562	23.2	1,987	1,466	9,790	9,387	25.8	2,420
Raspberries	qt.	571	681	681	130.0	885	597	825	825	142.0	1,168.0
Strawberries	qt.	2,762	17,485	17,485	51.6[r]	9,031	2,889	18,740	18,740	56.7	10,634
Total of above specified fruits	...	71,440[r]	...	...	...	91,707[r]	71,350				99,199

1) Acreage harvested.
2) Estimated produce harvested.
3) Estimated sales to fresh markets, and processed.
4) Does not include government subsidy payment.
5) 1979 figures include Bosc.

Source: Ministry of Agriculture and Food, *Seasonal Fruit and Vegetable Report.*

Table 16.12
Fruit Production[1] by Selected Type, Ontario, 1950-1980

	Apples	Cherries		Grapes	Peaches	Pears	Plums	Prunes	Rasp-berries	Straw-berries
		Sweet	Sour							
	'000's lbs.								'000's qts.	
1950	128,746	2,264	11,489	107,730	56,949	24,161	13,802		3,507	8,928
1951	158,008	2,816	14,607	86,708	67,404	28,130	17,981		4,151	9,765
1952	107,469	5,721	12,876	83,894	118,658	36,907	26,576		3,248	9,590
1953	118,193	3,747	12,210	78,268	117,476	37,686	25,646		3,182	9,255
1954	138,188	4,213	21,294	87,102	107,686	33,205	24,311		3,170	7,992
1955	181,665	5,266	27,106	92,760	118,523	44,352	28,796		2,566	7,578
1956	134,651	1,890	14,604	79,184	68,816	40,933	14,029		2,721	7,524
1957	144,940	6,700	18,300	67,100	113,275	19,000	19,000		2,564	6,158
1958	212,418	8,825	22,990	103,874	129,390	43,245	21,115		2,882	6,854
1959	207,138	8,820	12,043	81,800	107,169	38,336	18,015		2,365	6,188
1960	169,226	4,620	12,698	111,838	88,643	44,834	13,373		2,969	9,159
1961	247,985	6,253	26,317	81,634	127,175	40,804	17,010		2,997	7,986
1962	229,419	11,520	10,610	89,014	81,635	53,460	9,374		2,169	5,989
1963	204,876	7,157	10,295	119,317	72,920	23,252	4,461	3,404	2,449	4,500
1964	293,486	12,040	30,224	113,800	107,229	55,075	11,579	5,600	2,358	7,995
1965	242,235	10,600	22,190	125,600	80,300	44,365	14,305	4,156	2,083	7,581
1966	266,990	12,064	13,209	116,400	86,181	55,641	10,264	5,432	1,140	7,692
1967	267,418	10,862	22,745	130,670	60,176	44,723	4,177	5,501	1,413	8,032
1968	273,622	8,200	16,100	109,400	79,428	37,083	6,194	5,844	1,114	8,841
1969	312,447	10,149	21,170	122,873	84,991	42,631	5,511	4,094	1,079	9,837
1970	288,457	6,052	15,143	126,462	90,254	43,402	6,848	5,036	1,064	11,322
1971	299,336	11,319	21,333	168,350	104,822	35,560	8,378	5,258	1,203	11,215
1972	287,756	9,447	17,309	104,382	65,195	51,900	6,517	5,754	982	9,189
1973	204,878	7,157	10,295	119,317	72,920	23,252	4,461	3,573	783	8,786
1974	277,585	5,260	15,512	138,397	86,115	37,349	2,771	4,082	725	8,828
1975	290,780	7,455	16,549	145,244	108,013	47,415	9,167	4,620	601	10,595
1976	260,446	1,864	9,186	160,481	77,187	16,121	5,023	825	589	11,806
1977	284,886	4,388	15,356	121,928	72,135	41,504	9,468		645	14,148
1978	315,264	4,337	10,070	149,299	65,012	36,402	5,894		599	17,543
1979	310,025	4,338	17,294	141,114	54,608	38,088r	8,933		681	17,485
1980	378,204	5,909	21,264	133,365	67,500	43,646	9,790		825	18,740

1) Total production

Source: Ministry of Agriculture and Food, *Agricultural Statistics for Ontario. Seasonal Fruit and Vegetable Report.*

Table 16.13
Number of Livestock on Farms by Class, Canada[1] and Ontario, at June 1, 1950-1974, July 1, 1975-1980

	Livestock					
	Cattle and Calves		Pigs		Sheep and Lambs[2]	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
	'000's					
1950	8,342.7	2,372.0	4,371.9	1,800.0	1,578.6	398.0
1951	8,363.1	2,465.9	4,914.3	1,755.5	1,461.2	360.2
1952	9,153.0	2,675.0	5,427.5	1,700.0	1,534.0	385.0
1953	9,806.0	2,840.0	3,970.5	1,260.0	1,592.5	407.0
1954	10,170.0	2,890.0	4,440.0	1,315.0	1,635.6	402.0
1955	10,603.0	2,925.0	4,799.5	1,440.0	1,634.0	400.0
1956	11,011.2	2,901.7	4,730.9	1,548.3	1,619.7	393.8
1957	11,265.0	2,951.0	4,758.0	1,529.0	1,628.5	381.0
1958	10,990.0	2,906.0	5,931.0	1,764.0	1,629.5	380.0
1959	11,058.0	2,915.0	6,519.0	2,056.0	1,608.5	364.0
1960	11,337.0	2,972.0	5,070.0	1,726.0	1,607.0	353.0
1961	11,933.8	3,115.7	5,331.2	1,686.3	1,548.3	341.1
1962	12,067.0	3,247.0	4,981.0	1,823.0	1,449.0	333.0
1963	12,365.0	3,204.0	5,211.0	1,929.0	1,346.0	309.0
1964	12,994.0	3,243.0	5,667.0	1,965.0	1,272.0	292.0
1965	13,260.0	3,252.0	5,147.0	1,829.0	1,132.0	280.0
1966	12,878.8	3,137.0	5,401.3	1,935.6	1,005.5	265.4
1967	12,697.0	3,160.0	6,070.0	2,073.0	922.0	250.0
1968	12,487.0	3,200.0	5,771.0	2,027.0	829.2	227.0
1969	12,366.0	3,205.0	5,809.0	2,042.0	796.0	226.0
1970	12,826.0	3,136.0	7,113.7	2,179.0	796.0	208.0
1971	13,270.9	3,082.0	7,624.1	2,230.5	851.3	216.2
1972	13,736.0	3,102.0	7,045.6	2,157.0	826.8	209.0
1973	14,249.0	3,136.0	7,103.2	2,052.0	778.8	200.0
1974	15,318.0	3,260.0	6,650.7	1,930.0	729.8	195.0
1975	15,622.0	3,233.0	5,469.3	1,789.0	649.6	168.0
1976[3]	15,187.0	3,128.0	5,825.5	1,932.2	562.6	132.0
1977	14,668.0	3,077.0	6,279.0	2,056.0	534.5	131.0
1978	13,705.0	2,900.0	7,775.0	2,730.0	565.5	144.0
1979	13,672.8	2,935.0	9,345.7[r]	3,175.0[r]	662.4[r]	170.0
1980	13,856.4	3,015.0	9,651.0	3,140.0	725.2	195.0

1) Excludes Newfoundland.
2) Beginning July 1, 1978, Newfoundland is included in Canada totals.
3) Census figures.

Source: CANSIM, *Cattle: Numbers on farms.*
Hogs: Numbers on farms.
Sheep and Lambs: Numbers on farms.

Table 16.14
Milk Production and Cash Receipts, Sold Off Farms, Ontario, 1977-1980

	1977	1978	1979	1980
			kilolitres	
Milk production				
Delivered as milk	1,377,431	1,282,277	1,296,708	1,378,072
Delivered as cream	92,297	99,268	90,489	91,950
Fluid purposes	973,637	988,926	999,434	1,000,634
Total	2,443,365	2,370,471	2,386,631	2,470,656
			$'000's	
Cash receipts				
Farm sales of milk and cream[1]				
Delivered as milk	233,570	232,397	267,768	326,635
Delivered as cream	. . .	. . .	9,881	11,544
Other	274,548	292,116	317,871	358,299
Supplementary payments	91,061	81,444	78,192	80,364
Contingency levy	. . .	. . .	8,069	13,656
Total	599,179	605,957	681,781	790,498

[1] Farm separated cream expressed in terms of milk equivalent.

Source: CANSIM, *Milk Production and Utilization, by Province.*

Table 16.15
Crop Yields and Acreage, Ontario, 1977-1980

	Yields				Acreage			
	1977	1978	1979	1980	1977	1978	1979	1980
	Bushels per acre				'000's			
Wheat	52.0	41.0	52.0	54.0	590	335	490	480
Oats	48.0	52.0	57.0	59.0	450	445	405	390
Barley	48.0	53.0	57.0	58.0	320	360	335	415
Mixed Grain	54.0	58.0	63.0	64.0	810	810	790	800
Grain Corn	95.0	82.0	90.0	93.0	1,610	1,680	1,870	2,000
Fodder Corn[2]	13.0	12.0	13.0	13.0	865	840	810	770
Soybeans	39	27.0	35.0	37.0	550	705	700	700
White Beans[1]	6.0	11.4	16.2[r]	16.3	160	148	84	95
Hay[2]	2.7	2.5	2.8	3.0	2,745	2,850	2,820	2,700

1) In hundredweights per acre.
2) In tons per acre.
Source: Ministry of Agriculture and Food, Economics Branch.

Table 16.16
Production and Disposition of Eggs, Ontario, 1974-1979

	1974	1975	1976	1977	1978	1979
Production:						
Average no. of layers ('000's)	10,347	9,546	8,921	9,038	8,928	8,908
Eggs per 100 layers	22,638	23,115	23,736	23,709	24,255	24,278
Net production ('000's doz.)	195,129	183,802	176,403	178,569	180,381[r]	180,250
Value of production ($'000's)	113,028	104,403	115,139	117,222	121,021	134,546
Disposition:						
Sold for consumption						
('000's doz.)	182,951	172,518	164,892	166,741	168,000	167,576
($'000's)	101,292	91,232	101,507	103,723	105,047	117,775
Producer used for consumption						
('000's doz.)	2,453	2,338	2,179	2,430	2,507	2,412
($'000's)	1,525	1,452	1,500	1,750	1,853	1,891
Used for hatching						
('000's doz.)	9,725	8,946	9,332	9,398	9,874	10,262
($'000's)	10,211	11,719	12,132	11,749	14,121	14,880

Source: Ministry of Agriculture and Food. *Agricultural Statistics for Ontario.*

Table 16.17
Flower Production by Type and Total Value, Canada and Ontario, 1977-1979

	Canada			Ontario		
	1977	1978[r]	1979	1977	1978	1979
	Number					
Cut Flowers						
Carnations	17,442,037	13,899,705	11,646,263	12,520,519	11,032,360	9,265,570
Chrysanthemums	34,343,080	38,497,230	36,852,872	25,993,020	29,005,492	27,289,798
Gladioli	820,550	898,120	1,240,185	603,053	627,385	996,490
Iris	1,995,457	2,155,768	1,792,200	1,339,235	1,335,558	953,500
Narcissus and Daffodils	4,470,949	4,216,217	3,489,659	851,114	596,344	676,100
Peonies	48,577	..[2]	..[2]	41,112	..[2]	..[2]
Roses	46,152,543	48,567,028	42,461,757	25,865,398	27,425,156	28,875,954
Snapdragons	843,463	826,952	779,748	586,709	598,137	593,768
Tulips	4,090,821	4,282,280	4,814,202	1,627,640	1,590,684	1,519,383
Others	2,395,749	2,558,149	3,232,779	1,096,764	1,132,672	2,021,838
Container (potted) Plants						
Azaleas	655,380	591,155	602,266	481,017	390,782	411,984
Geraniums	5,283,321	5,427,948	6,197,723	3,488,852	3,584,623	3,976,955
Lilies	817,274	858,666	838,311	545,101	562,062	531,164
Pointsettias	2,010,331	2,259,414	2,267,076	1,233,486	1,310,122	1,423,756
Chrysanthemums	3,305,586	4,342,044	3,882,614	2,045,914	2,528,865	2,450,282
Tropical foliage and green plants	16,183,376	17,899,188	18,396,631	8,932,867	9,338,803	6,970,481
Hanging baskets	..[1]	529,832	1,143,639	..[1]	241,866	780,314
Others	2,388,740	2,455,054	4,395,054	1,536,605	1,419,014	3,317,560
Bedding plants	157,446,188	170,979,281	161,235,990	78,147,292	83,747,674	84,198,946
Cuttings[3]						
Carnations	1,273,984	1,227,710	82,273	1,186,696	1,201,190	563
Chrysanthemums	42,156,029	22,009,263	11,872,165	42,080,213	21,112,985	11,042,400
Vegetable plants	63,133,055	68,813,311	56,090,214	35,329,708	35,477,225	29,453,397
Others	6,099,637	3,639,607	3,760,726	5,092,195	3,240,869	3,237,182
Value of ornamental and plant sales ($)	138,877,672	154,918,918	168,661,014	83,786,963	90,347,530	95,663,077

(1) Included in "Other Potted Plants".
(2) Included in "Other Cut Flowers".
(3) 1978 and 1979 includes both rooted and unrooted cuttings.

Source: SC, *Greenhouse Industry, (22-202).*

Section
17

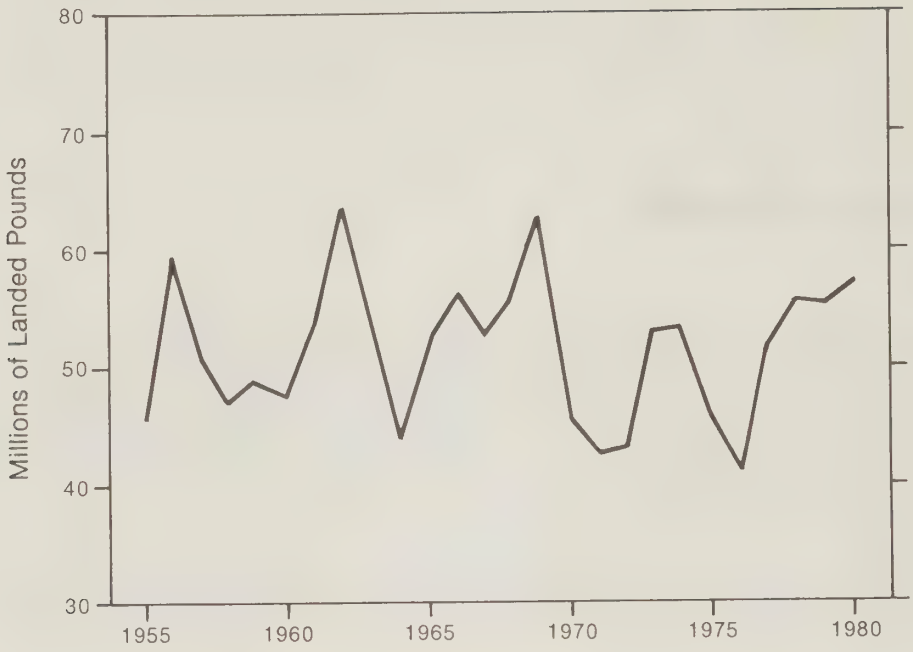
Fisheries and Wildlife

Highlights

- **Commercial Fisheries** – In 1980 the value of the Ontario commercial fish harvest was $23.6 million, representing a decrease of 8.6 per cent from 1979; the fish harvest in that same period increased 6.4 per cent from 55.3 million pounds to 58.9 million pounds. In terms of value of fish harvest, yellow perch represented $8.7 million, 36.8 per cent of the 1980 total for Ontario. Lake Erie fishery supplied 73.6 per cent of the 1980 Ontario commercial fish harvest in terms of weight. There were 4,739 commercial fishing licences issued in 1980. This represents a 4.2 per cent increase from the 1979 mark of 4,547 and is 15.0 per cent below the 5,577 high reached in 1970.
- **Sport Fisheries** – In 1980 Ontario sold 628,988 angling licences to non-residents, down 6.7 per cent from 1979. Seasonal licences represented 62.4 per cent of the total angling licences sold to non-residents in 1980. In the absence of a resident angling licence requirement, no data is available regarding Ontario resident anglers.
- **Wildlife** – Small game licences represented 67.2 per cent of the total number of hunting licences sold in Ontario in 1980. The number of small game licences sold in 1980 was 395,874 representing an increase of 5.7 per cent from the number sold in 1979; the number of deer licences sold to Ontario residents increased 2.4 per cent to 87,985 from 1979 to 1980 and the number of moose licences sold to Ontario residents increased 2.2 per cent to 79,688 in the same period. The number of licences sold to non-residents dropped 45.6 per cent for moose and dropped 53.3 per cent for deer from 1979 to 1980. The total number of deer harvested in 1979 decreased 2.9 per cent to 13,570 from 1978; of the total 1979 deer harvest 97.3 per cent were shot by resident hunters; of the 1979 moose harvested, 86.4 per cent were shot by Ontario hunters.
- **Fur Production** – Of the total Ontario pelt value of $24.4 million in 1980, beaver pelts represented 40.9 per cent, and muskrat pelts 20.3 per cent of the total. The average beaver pelt value in 1980 was $47.74 and the average muskrat pelt was valued at $8.19. Of the 944,682 wild fur pelts exported or tanned in Ontario in 1979, 57.0 per cent were muskrat and 170,635 or 18.1 per cent were beaver. Of the $20.7 million realized from the pelts, 18.4 per cent came from muskrat pelts and 29.7 per cent came from beaver pelts. The 1979 value ($20.7 million) of wild fur exported or tanned represented an increase of 76.8 per cent from 1978.

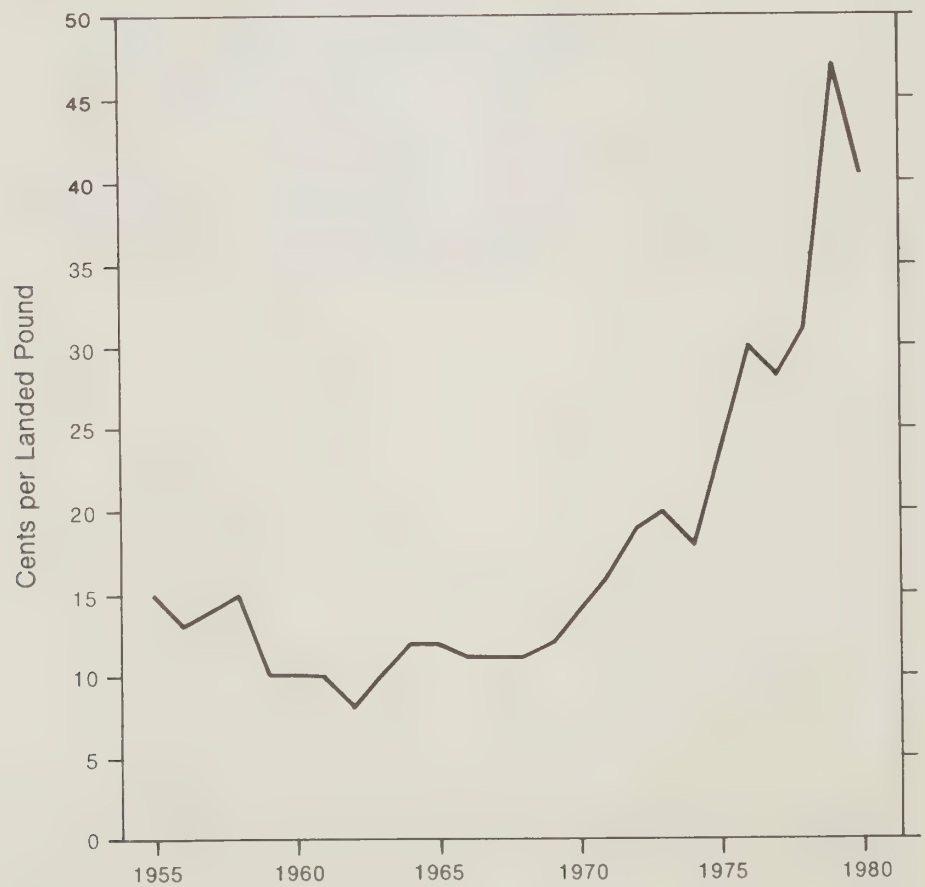
  In Ontario in 1980, there were 271 licenced fur farms representing an increase of 19.9 per cent from 1979. In 1980, Wellington County had 13.7 per cent of the licenced Ontario fur farms followed by Perth County with 11.4 per cent, Niagara with 11.1 per cent, Haldimand with 8.1 per cent and Simcoe with 6.6 per cent. The total value of ranch-raised fox and mink pelts was $23.0 million in 1979.

Graph 17.A
Commercial Fish Harvest, Ontario, 1955-1980



Refer to Table 17.2.

Graph 17.B
Unit Value of Commercial Fish Harvest, Ontario, 1955-1980



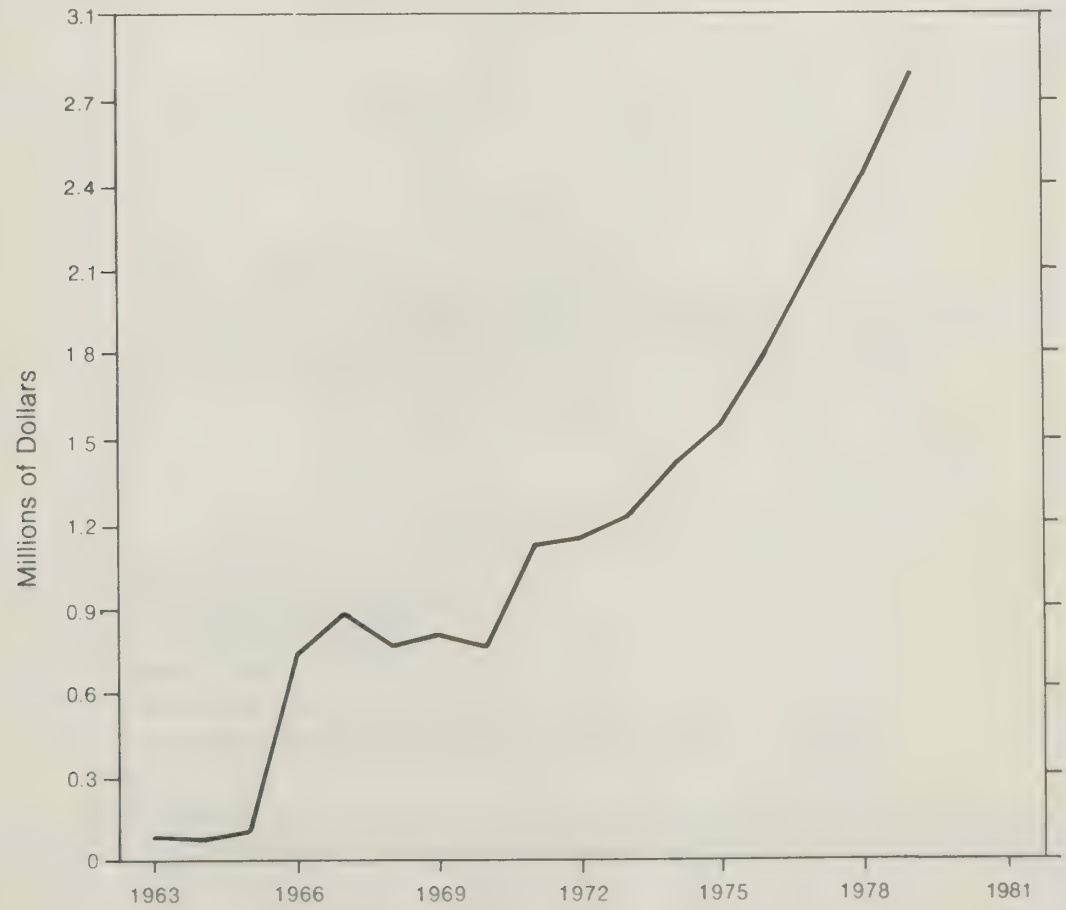
Refer to Table 17.2.

Graph 17.C
Employment in Commercial Fishery, Ontario, 1963-1979



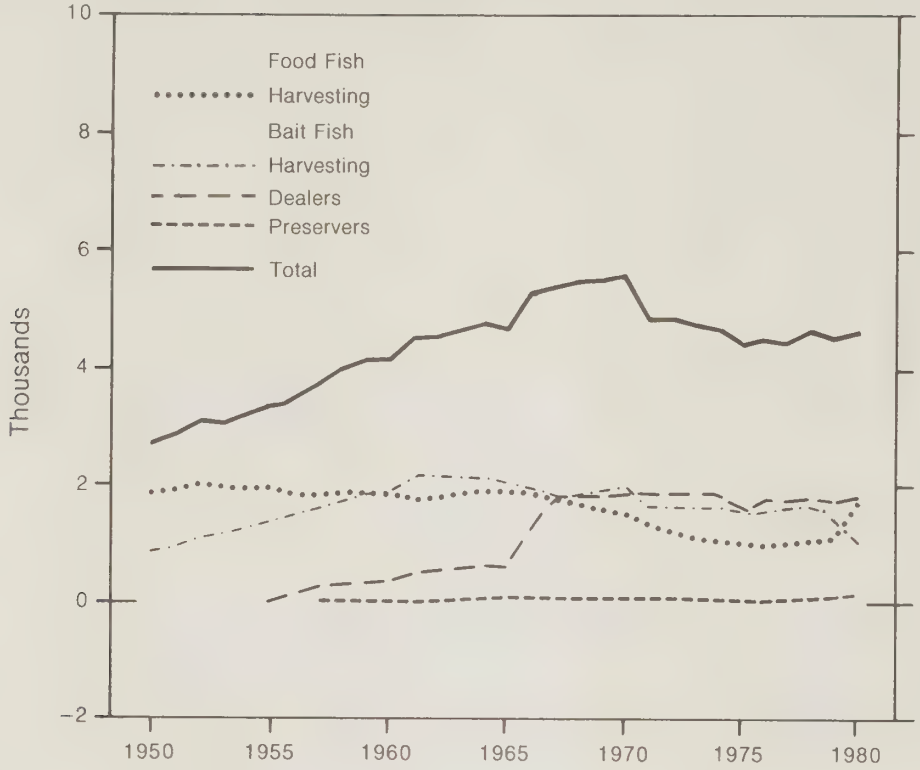
Refer to Table 17.6

Graph 17.D
New Investment in Commercial Fishery, Ontario, 1963-1979



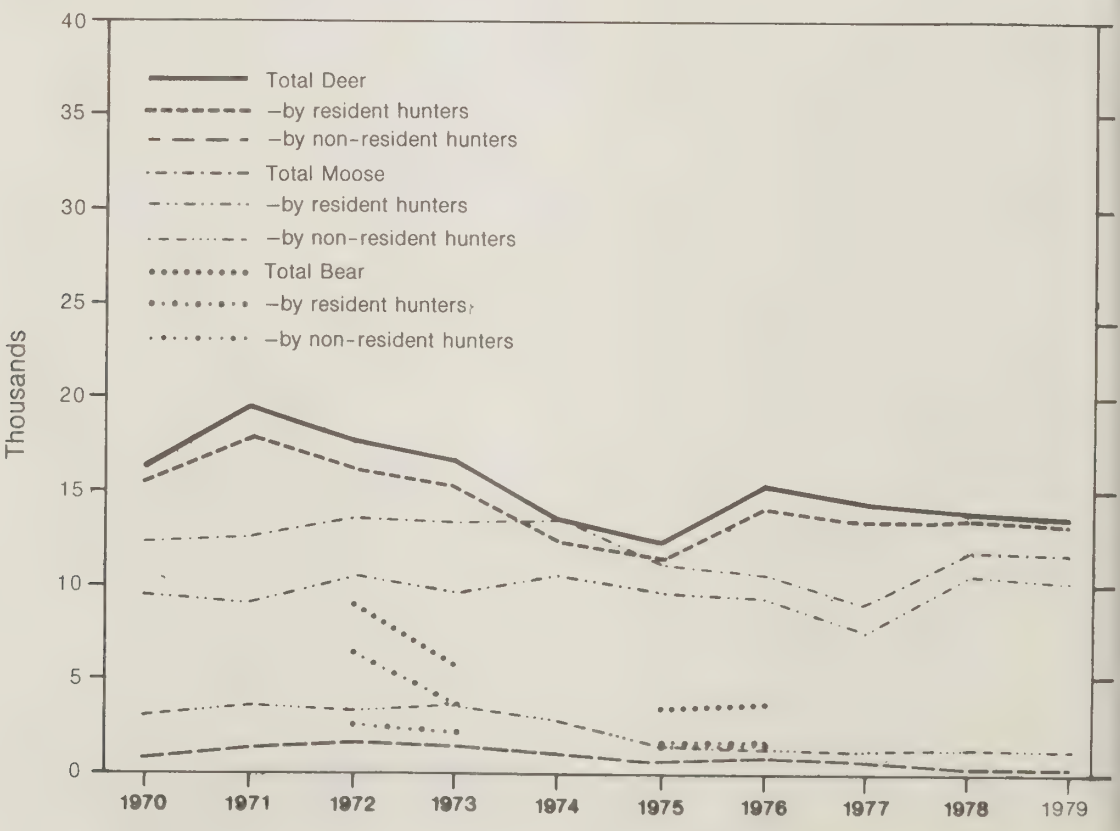
Refer to Table 17.6

Graph 17.E
Commercial Fishing Licences, Ontario, 1950-1980



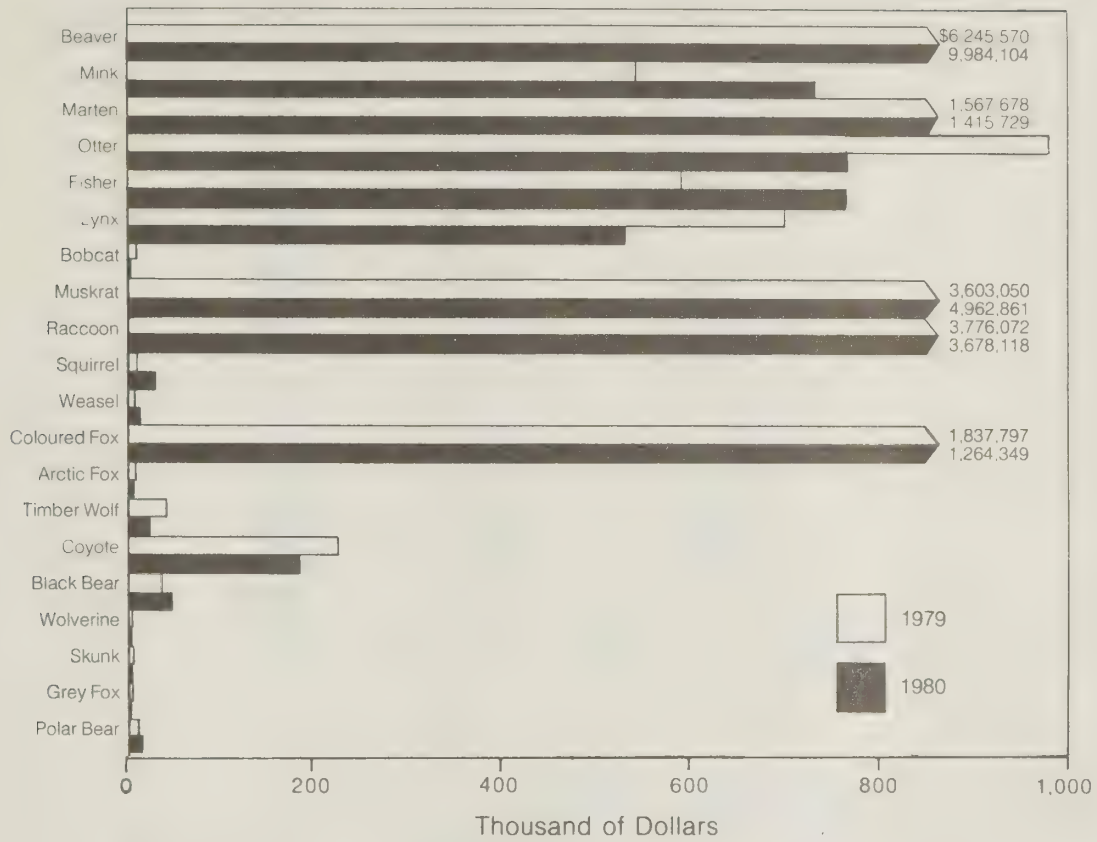
Refer to Table 17.5.

Graph 17.F
Hunting Harvest by Type, Ontario, 1970-1979



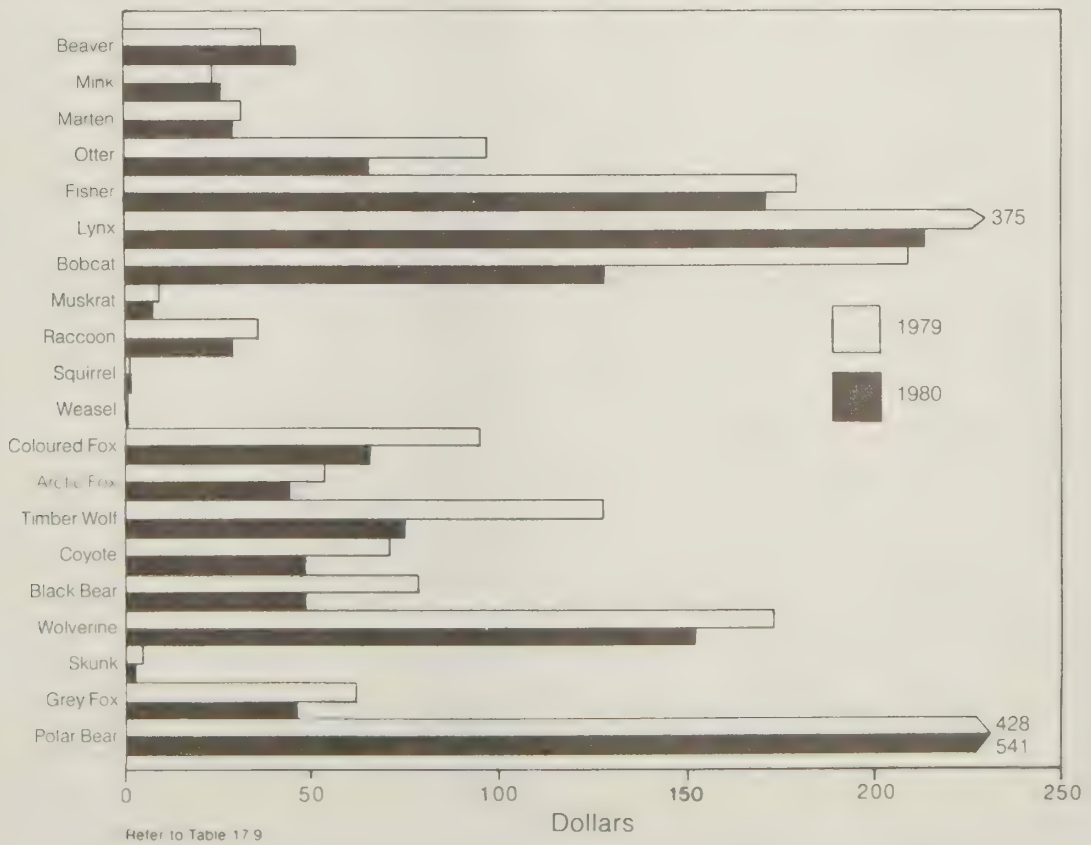
Refer to Table 17.8.

Graph 17.G
Total Value of Wild Fur Pelts by Type, Ontario, 1979 and 1980



Refer to Table 17 9

Graph 17.H
Average Pelt Value by Type, Ontario, 1979 and 1980



Refer to Table 17 9

Table 17.1
Number of Angling Licences Sold to Non-Residents, Ontario, 1965-1980

	Seasonal	Three Day	Organized Camp	Canadian Non-Resident	Total
1965	403,894	122,219	7,041	..	533,154
1966	409,539	151,373	10,541	..	571,453
1967	411,768	156,493	10,550	..	578,811
1968	446,468	161,473	7,670	..	615,611
1969	446,024	177,353	6,998	..	603,375
1970	410,854	186,666	7,800	..	605,320
1971	420,835	224,000	7,500	..	652,335
1972	425,001	233,333	7,349	14,469	680,152
1973	464,765	211,600	6,122	19,108	701,595
1974	482,595	161,060	5,969	21,807	671,431
1975	467,776	165,527	5,810	22,637	661,750
1976	454,212	159,839	5,663	24,909	644,623
1977	465,522	164,744	5,612	24,961	660,839
1978	489,577	165,095	5,449	27,813	687,934
1979	480,704	158,815	5,011	29,375	673,925
1980	392,762	206,320	3,933	25,973	628,988

Source: Ministry of Natural Resources, *Statistics.*
Ministry of Natural Resources, Fisheries Branch

Table 17.2
Commercial Fish Harvest, Ontario, 1955-1980

	Landing	Value
	'000's lbs.	$'000's
1955	45,636.3	6,783.1
1956	59,717.2	7,927.9
1957	51,113.1	7,047.0
1958	47,172.2	7,274.4
1959	48,992.3	4,866.4
1960	47,397.2	4,932.8
1961	54,953.6	5,745.8
1962	63,783.5	5,341.2
1963	54,342.4	5,503.9
1964	43,510.3	5,229.8
1965	52,489.2	6,403.7
1966	56,344.0	5,994.6
1967	52,904.5	5,927.2
1968	55,705.4	5,967.9
1969	63,202.6	7,377.8
1970	46,080.8	6,530.8
1971	42,791.2	6,951.3
1972	43,196.0	8,118.4
1973	53,052.9	10,376.0
1974	53,225.6	9,654.1
1975	45,363.1	11,052.5
1976	41,105.0	12,512.6
1977	51,872.7	14,554.6
1978	56,023.9[r]	17,161.1[r]
1979	55,324.0	25,973.5
1980	58,864.8	23,644.2

Source: Ministry of Natural Resources, Fisheries Branch.

Table 17.3
Commercial Fish Harvest by Species, Ontario, 1968-1980

	1968	1969	1970	1971	1972	1973	1974
				'000's lbs.			
Bowfin	26	27	39	22	31	51	56
Bullhead	395	473	378	362	344	449	477
Burbot (Ling)	382	416	396	246	311	321	387
Carp	987	1,046	702	770	748	725	631
Catfish	255	220	104	156	156	180	187
Caviar[1]	...	...	...	...	...	...	...
Chub (Deepwater Cisco)	681	461			719	944	1,050
Coho	..	..	..	..	..	..	..
Eel	181	175	282	802	279	198	229
Freshwater Drum (Sheepshead)	802	451	151 310	173 103	292	543	396
Goldeye	2	..	1	1	..	..	1
Lake Herring (Cisco)	2,985	2,780	3,060	2,794	2,786	2,447	2,306
Lake Trout	301	282	199	188	165	209	229
Lake Whitefish	2,906	2,957	2,870	2,312	2,200	1,984	2,359
Northern Pike	956	871	752	558	525	647	725
Rock Bass and Crappie	276	186	193	199	130	137	129
Round Whitefish (Menominee)	56	57	37	52	67	56	66
Sauger	70	51	57	31	19	28	49
Smelt	12,490	15,226	9,572	13,551	11,051	17,557	16,902
Sturgeon	79	90	47	42	29	38	25
Splake	..	..	..	..	..	..	..
Sucker (Mullet)	1,278	1,274	1,079	797	975	1,085	1,170
Sunfish	400	413	280	299	290	360	372
White Bass	819	925	210	114	1,769	1,512	2,359
White Perch	231	252	452	641	292	299	293
Yellow Perch	24,969	30,506	21,320	15,277	16,836	19,075	13,411
Yellow Pickerel (Walleye)	2,765	2,050	1,406	1,154	1,019	1,391	1,430
Animal Food (Unclassified)	1,413	2,014	2,184	2,148	2,163	2,817	7,987
Total Landings	55,705	63,203	46,081	42,792	43,196	53,053	53,226
Total Landed Value ($'000's)	5,968	7,378	6,531	6,951	8,118	10,376	9,654

Table 17.3 (cont'd.)
Commercial Fish Harvest by Species, Ontario, 1968-1980

	1975	1976	1977	1978[r]	1979	1980	1980[2]
				'000's lbs.			$'000's
Bowfin	57	39	41	37	31	20	1
Bullhead	600	584	625	494	525	535	198
Burbot (Ling)	383	293	462	384	286	239	21
Carp	636	646	480	251	399	268	62
Catfish	265	136	144	192	214	189	95
Caviar[1]	. . .	. . .	. . .	. . .	. . .	. . .	. . .
Chub (Deepwater Cisco)	1,317	1,612	1,338	1,240	1,106	992	684
Coho	. .	. .	. .	6	48	36	32
Eel	379	348	420	514	502	373	455
Freshwater Drum (Sheepshead)	408	380	408	369	365	397	30
Goldeye	2	. . .	2	. . .	. . .	. . .	. . .
Lake Herring (Cisco)	2,292	1,449	1,917	2,065	2,200	3,254	1,383
Lake Trout	233	231	249	367	367	618	499
Lake Whitefish	2,449	2,552	3,211	3,762	2,864	3,737	2,819
Northern Pike	608	604	693	764	692	592	312
Rock Bass and Crappie	187	221	191	178	220	169	126
Round Whitefish (Menominee)	91	138	88	89	101	167	62
Sauger	46	28	21	29	35	37	37
Smelt	17,333	18,245	23,540	27,332	24,204	25,191	2,499
Sturgeon	27	35	38	30	32	48	104
Splake	. .	. .	. .	27	20	87	85
Sucker (Mullet)	1,333	1,347	1,420	1,191	1,401	1,260	151
Sunfish	478	391	284	235	284	263	94
White Bass	2,580	1,131	1,008	1,680	1,695	2,009	938
White Perch	387	748	439	508	109	127	36
Yellow Perch	9,449	6,119	9,705	10,012	13,053	13,858	8,709
Yellow Pickerel (Walleye)	1,377	1,531	2,520	1,880	2,324	2,984	4,193
Animal Food (Unclassified)	2,446	2,297	2,595	2,388	2,247	1,415	19
Total Landings	45,363	41,105	51,873	56,024	55,324	58,865	. . .
Total Landed Value ($'000's)	11,052	12,513	14,555	17,161	. . .	. . .	23,644

1) Caviar included with Sturgeon from 1967.
2) This column shows the dollar value breakdown of Ontario's commercial fish harvest by species.

Source: Ministry of Natural Resources, *Statistics*.
Ministry of Natural Resources, Fisheries Branch.

Table 17.4

Commercial Fish Harvest by Waters, Ontario, 1962-1980

	Lake Ontario	Lake Erie	Lake St. Clair[1]	Lake Huron	Georgian Bay	North Channel	Lake Superior	Northern Inland Waters	Southern Inland Waters	Total	Total Value
						'000's lbs.					$'000's
1962	1,750	44,465	1,031	3,575	348	252	3,146	8,572	644	63,784	5,341
1963	2,046	35,301	1,043	2,948	555	172	2,973	8,440	863	54,342	5,504
1964	2,015	25,381	946	3,018	735	214	2,682	7,938	582	43,510	5,230
1965	2,647	35,096	886	2,286	993	289	2,270	7,584	438	52,489	6,404
1966	1,625	41,426	939	1,958	751	209	1,846	7,010	580	56,344	5,995
1967	1,832	37,770	810	1,744	715	207	2,568	6,625	634	52,905	5,927
1968	2,009	39,415	1,121	1,455	728	247	3,365	6,811	554	55,705	5,968
1969	2,270	48,026	919	1,436	581	313	2,951	6,078	629	63,203	7,378
1970	2,905	31,755	87	1,252	498	375	3,382	5,391	436	46,081	6,531
1971	2,906	29,076	...	1,306	1,069	382	3,367	4,064	622	42,792	6,951
1972	2,547	30,182	...	1,072	959	367	3,656	3,882	532	43,196	8,118
1973	2,356	39,829	...	1,120	1,069	350	3,537	4,267	524	53,053	10,376
1974	2,364	38,686	...	1,730	1,025	616	3,942	4,411	451	53,226	9,654
1975	2,777	30,549	...	1,830	1,142	362	3,769	4,532	402	45,363	11,052
1976	2,914	25,711	...	2,217	1,082	585	3,891	4,310	395	41,105	12,513
1977	2,461	35,854	...	2,371	1,013	502	3,863	5,436	373	51,873	14,555
1978	2,471	40,160	...	2,620	774	385	4,075	5,227	312	56,024	17,161
1979	1,950	41,051	...	1,908	736	467	3,601	4,928	683	55,324	25,874
1980	1,981	43,310	82	2,408	802	351	4,780	4,631	520	58,865	23,644

1) In the late spring of 1970, the commercial fish harvest in Lake St. Clair was closed because of mercury pollution.

Source: Ministry of Natural Resources, Fisheries Branch.

Table 17.5
Commercial Fishing Licences, Ontario, 1950-1980

	Food-Fish		Bait-Fish						
	Harvesting		Harvesting[1]						
	Licences	Revenue from Sale of Licences	Licences	Revenue from Sale of Licences	Dealers[2]	Preservers[3]	Revenue from Sale of Licences	Total Licences	Total Revenue
		$		$			$		$
1950	1,856	..	866	..	..	..	..	2,722	..
1951	1,911	..	983	..	..	..	..	2,894	..
1952	2,010	..	1,105	..	..	..	..	3,115	..
1953	1,961	..	1,137	..	..	..	..	3,098	..
1954	1,952	..	1,248	..	..	..	..	3,200	..
1955	1,973	..	1,374	..	32	..	320	3,379	..
1956	1,825	..	1,457	..	188	..	1,880	3,470	..
1957	1,816	..	1,612	..	256	42	2,770	3,726	..
1958	1,899	..	1,756	..	324	50	3,490	4,029	..
1959	1,883	..	1,841	..	387	59	4,165	4,170	..
1960	1,828	..	1,853	..	419	76	4,950	4,176	..
1961	1,784	..	2,181	..	510	88	5,540	4,563	..
1962	1,780	..	2,133	..	557	84	5,990	4,554	..
1963	1,862	..	2,125	..	591	101	6,415	4,679	..
1964	1,900	..	2,114	..	651	121	7,115	4,786	..
1965	1,881	..	2,028	..	613	125	6,755	4,647	..
1966	1,882	..	1,977	..	1,396	121	14,565	5,316	..
1967	1,747	..	1,807	..	1,729	124	17,910	5,407	..
1968	1,689	..	1,859	..	1,805	116	19,240	5,472	..
1969	1,609	..	1,908	..	1,861	126	19,870	5,504	..
1970	1,560	..	1,993	..	1,895	129	20,240	5,577	..
1971	1,267	53,567	1,607	30,509	1,813	126	18,760	4,813	102,836
1972	1,204	51,133	1,612	31,672	1,876	120	19,360	4,812	102,165
1973	1,149	52,941	1,611	32,887	1,868	111	19,235	4,739	105,063
1974	1,116	50,995	1,623	33,687	1,832	110	18,870	4,681	103,552
1975	1,121	52,155	1,590	32,002	1,606	96	16,540	4,413	100,697
1976	1,086	53,302	1,595	33,254	1,753	107	18,065	4,541	104,621
1977	1,056	53,758	1,605	35,945	1,731	98	17,800	4,470	107,503
1978	1,048	56,064	1,679	39,476	1,832	99	18,815	4,656	114,355
1979	1,093	56,864	1,549	37,750	1,791	114	18,480	4,547	113,094
1980	1,029	60,571	1,728	42,434	1,858	124	19,200	4,739	122,205

1) Licences to catch bait fish.
2) Licences to buy and sell bait fish.
3) Licences to allow the preserving of bait fish.

Source: Ministry of Natural Resources, Fisheries Branch.

Table 17.6
Employment and Investment in Commercial Fishery, Ontario, 1963-1979

	Men	Boats 40' and over	Boats under 40'	Gill Nets '000's yds.	Pound Nets	Trap Nets	Hoop Nets	Seine Nets '00's yds.	Freezers and Ice Houses	Wharves and Piers	Net Sheds	New Invest-ment	Total Value
												$'000's	
1963	3,271	224	1,718	9,200	745	694	1,943	158	511	439	747	96	10,360
1964	2,952	229	1,587	9,110	873	512	1,889	157	549	493	731	89	10,220
1965	2,544	223	1,660	9,256	866	521	2,002	168	492	459	681	104	10,076
1966	2,445	229	1,419	9,489	764	493	1,820	191	465	431	663	751	11,078
1967	2,197	220	1,406	9,810	715	565	2,146	169	434	429	650	898	11,456
1968	2,044	217	1,313	8,888	734	552	1,915	226	430	403	651	770	11,594
1969	1,959	207	1,190	8,419	790	479	1,740	172	402	382	628	810	11,584
1970	1,836	222	1,078	8,823	727	469	1,484	110	418	384	610	774	11,952
1971	1,999	231	907	9,247	118	400	1,461	84	308	350	578	1,142	12,397
1972	2,097	222	971	9,511	119	467	1,511	103	309	303	553	1,179	12,972
1973	2,215	210	994	9,372	98	451	1,478	78	310	275	564	1,235	14,131
1974	2,208	176	992	10,302	117	455	1,574	64	326	287	515	1,438	16,779
1975	2,220	198	966	10,117	104	466	1,715	76	355	250	477	1,557	18,253
1976	2,171	207	895	10,855	71	460	1,523	82	327	257	461	1,806	21,651
1977	2,213	209	946	10,643	120	504	1,532	75	303	278	460	2,145	23,770
1978	2,231	206	1,017	12,189	141	473	2,459	79	329	262	447	2,446	27,056
1979	1,997	212	913	11,847	80	476	1,497	67	309	263	451	2,834	33,950

Source: Ministry of Natural Resources, *Statistics*.
Ministry of Natural Resources, Fisheries Branch.

Table 17.7
Number of Hunting Licences Sold by Type, Ontario, 1953-1980

	Deer		Moose		Bear		Small Game		Total		
	Resident	Non-Resident	Resident	Non-Resident	Resident	Non-Resident	Resident	Non-Resident	Resident	Non-Resident	Total
1953	92,785	8,300	5,196	637	..	2,490	256,341	3,810	354,322	15,237	369,559
1954	92,800	10,400	7,500	730	..	1,520	284,000	5,300	384,300	17,950	402,250
1955	105,150	8,050	9,000	990	..	1,750	318,000	6,010	432,150	16,800	448,950
1956	98,079	7,426	13,441	1,521	..	2,031	316,778	5,905	428,298	16,883	445,181
1957	106,620	6,743	17,367	1,890	..	2,703	341,838	6,092	465,825	17,428	483,253
1958	109,322	6,044	22,688	2,362	..	4,803	377,589	5,503	509,599	18,712	528,311
1959	102,960	5,988	26,349	3,431	..	4,089	378,666	6,243	507,975	19,751	527,726
1960	114,400	6,004	31,948	4,212	..	3,828	383,205	7,286	529,553	21,330	550,883
1961	106,160	5,788	38,977	5,775	..	3,607	377,047	7,103	522,184	22,273	544,457
1962	121,735	5,913	39,470	6,675	307	1,922	383,150	7,538	544,662	23,912	568,574
1963	114,510	6,351	43,144	7,261	354	2,038	416,019	7,685	574,027	23,335	597,362
1964	124,182	6,562	40,188	7,639	414	2,208	399,521	7,998	564,305	24,407	588,712
1965	130,636	7,242	42,354[r]	9,127[r]	583	2,697	424,806	9,551	616,306	29,547	645,853
1966	137,429	8,858	48,498	12,698	813	3,960	435,202	12,248	621,942	37,764	659,706
1967	139,253	9,001	51,602	12,875	964	4,924	440,378	12,487	632,197	39,287	671,484
1968	102,579	7,672	51,795	14,923	1,142	8,394	384,867	13,281	540,383	44,270	584,653
1969	97,659	6,572	49,867	15,103	1,359	9,448	360,192	12,900	509,077	44,023	553,100
1970	88,020	5,500	56,198	10,037	1,517	14,585[1]	361,997	7,500	507,732	37,622	545,354
1971	84,655	5,750	57,477	11,130	1,372	14,585	369,192	7,700	512,696	39,165	551,861
1972	87,767	5,921	65,787	12,755	1,121	9,299	361,530	8,717	516,205	36,692	552,897
1973	88,448	5,590	80,320	17,071	1,343	9,405	376,406	8,341	546,517	40,407	586,924
1974	89,149	4,907	83,921	15,614	1,443	8,484	369,624	7,939	544,137	36,944	581,081
1975	91,490	4,617	82,750	7,934	1,585	9,115	388,065	8,752	563,890	30,418	594,308
1976	86,641[r]	5,017	83,618	7,897	1,869	9,325	384,021	9,046	556,149[r]	31,285	587,434[r]
1977	95,114	4,501	74,834	6,392	1,872	8,977	389,014	9,225	560,834	29,095	589,929
1978[r]	97,473	4,453	87,751	7,186	2,472	10,477	399,943	9,651	587,639	31,767	619,406
1979	85,911	1,762	77,937	7,378	2,666	11,247	363,077	11,527	529,591	31,914	561,505
1980	87,985	823	79,688	4,011	9,064	11,682	383,091	12,783	559,828	29,299	589,127

1) Includes spring and fall hunting.

Source: Ministry of Natural Resources, *Statistics*.
Ministry of Natural Resources, Financial Management Branch.

Table 17.8
Hunting Harvest by Type, Ontario, 1969-1979

	Moose Harvest			Deer Harvest			Bear Harvest[1]		
	By Resident Hunters	By Non-Resident Hunters	Total Harvest	By Resident Hunters	By Non-Resident Hunters	Total Harvest	By Resident Hunters	By Non-Resident Hunters	Total Harvest
1969	8,520	3,830	12,350	16,640	1,470	18,110	..	..	..
1970	9,400	3,070	12,470	15,430	880	16,310	..	..	..
1971	9,060	3,720	12,780	17,980	1,450	19,430	..	..	..
1972	10,320	3,470	13,790	16,070	1,630[2]	17,700[2]	6,330	2,620	8,950
1973	9,770	3,800	13,570	15,140	1,530[2]	16,670[2]	3,680	2,120	5,800
1974	10,510	3,090	13,600	12,530	1,050[2]	13,580[2]	..	..	..
1975	9,770	1,490	11,260	11,740	830[2]	12,570[2]	1,870	1,760	3,630
1976	9,420	1,450	10,870	14,180	930[2]	15,110	1,981	1,836[p]	3,817[p]
1977	7,730	1,290	9,020	13,510	810[2]	14,320	..	..	..
1978	10,630	1,320	11,950	13,500	480[2]	13,980	..	.	.
1979	10,110	1,590	11,700	13,200	370	13,570	..	..	..

1) Includes bear harvested on moose-bear, deer-bear and moose licences.
2) Includes deer harvested on moose licences.

Source: Ministry of Natural Resources, *Statistics*.
Ministry of Natural Resources, Wildlife Branch.

Table 17.9
Wild Fur Harvest and Value, Ontario, 1980[1]

	Average Pelt Value	Number Trapped	Value
	$		$
Beaver	47.74	209,135	9,984,104.90
Mink	26.50	27,377	725,490.50
Marten	30.87	45,861	1,415,729.07
Otter	68.81	11,112	764,616.72
Fisher	171.50	4,457	764,375.50
Lynx	214.20	2,485	532,287.00
Bobcat	126.82	33	4,185.06
Muskrat	8.19	605,966	4,962,861.54
Raccoon	31.64	116,249	3,678,118.36
Squirrel	1.50	16,922	25,383.00
Weasel	1.78	6,100	10,858.00
Coloured Fox	67.06	18,854	1,264,349.24
Arctic Fox	45.62	176	8,029.12
Timber Wolf	74.73	342	25,557.66
Coyote	48.81	3,819	186,405.39
Black Bear	49.00	818	40,082.00
Skunk	3.52	662	2,330.24
Polar Bear	541.75	20	10,835.00
Wolverine	156.72	9	1,410.48
Grey Fox	45.64	1	45.64
Total	. . .	1,070,398	24,407,054.42

1) To September 25, 1980.

Source: Ministry of Natural Resources, Wildlife Branch.

Table 17.10
Wild Fur Exported or Tanned, Ontario, 1977–1979[1]

	1977[2]		1978[3]		1979[4]	
	Quantity	Value	Quantity	Value	Quantity	Value
		$		$		$
Black Bear	614	47,892	353	17,706	553	43,659
Polar Bear	15	4,900	10	6,019	34	14,574
Beaver	155,203	4,098,911	148,901	3,103,097	170,635	6,142,860
Bobcat	23	2,130	25	3,160	37	7,703
Coyote	2,894	138,507	3,565	150,835	3,531	249,818
Fisher	2,574	295,392	2,690	270,103	3,993	718,700
Arctic Fox	70	3,088	226	8,376	182	9,906
Coloured Fox	12,935	669,386	16,357	1,048,811	20,088	1,917,801
Grey Fox	..	..	..	..	7	384
Lynx	1,188	271,173	1,738	523,138	1,919	720,757
Marten	40,481	715,299	38,179	743,345	52,074	1,564,824
Mink	18,960	303,360	21,583	301,515	20,082	501,448
Muskrat	490,469	2,506,297	480,669	2,605,226	538,810	3,798,610
Otter	9,088	688,961	8,896	577,617	10,143	1,001,317
Raccoon	69,587	1,488,466	96,099	2,240,068	106,798	3,838,320
Squirrel	5,701	3,478	3,548	5,251	8,028	12,765
Weasel	5,121	2,612	3,342	4,512	6,287	8,613
Timber Wolf	1,209	88,015	971	81,224	922	117,739
Skunk	149	224	274	901	550	2,404
Wolverine	9	1,627	8	1,317	9	1,561
Total	816,290	11,329,717	827,434	11,692,220	944,682	20,673,764

1) Year ending June 30.
2) Total royalties collected: $481,745.
3) Total royalties, collected: $558,553.
4) Total royalties, collected: $678,791.

Source: Ministry of Natural Resources, Wildlife Branch.

Table 17.11
Production of Ranch-Raised Fox and Mink Pelts, Ontario 1963-1979

		Mink		Fox	
	Fur Farms	Pelts Produced	Value	Pelts Produced	Value
			$		$
1963	505	432,666	6,836,316	413	6,232
1964	498	407,085	5,991,945	435	18,867
1965	493	479,760	7,948,552	407	21,656
1966	491	566,262	6,839,569	539	20,132
1967	477	631,386	7,099,763	690	23,653
1968	417	568,089	7,673,593	674	24,493
1969	385	585,436	6,067,073	600	20,202
1970	352	534,867	5,105,431	547	17,061
1971	290	438,650	5,557,695	583	22,801
1972	253	414,139	6,763,163	642	42,757
1973	235	431,572	7,738,256	679	66,806
1974	212	473,321	7,516,337	950	99,626
1975	183	418,287	8,369,923	931	169,209
1976	184	414,058	10,782,325	1,122	261,953
1977	187	420,743	12,222,584	1,269	380,700
1978	226	453,441	22,672,050	1,281	657,153
1979	226	466,300	22,545,605	1,323	478,397

Source: Ministry of Agriculture and Food, Veterinary Services Branch.

Table 17.12
Licenced Fur Farms, by County, Ontario, 1966-1980

	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Ontario	491	477	417	385	352	290	253	235	212	182	184	187	200	226	271
Algoma	3	3	2	-	-	-	-	-	-	-	-	-	-	-	1
Brant	9	8	8	8	8	7	6	5	4	3	3	3	3	2	2
Bruce	24	25	21	19	17	13	11	8	7	5	5	5	6	7	8
Cochrane	1	1	1		1	-	-	-	-	-	-	-	2	2	2
Dufferin	7	6	4	5	5	3	2	2	2	1	1	1	1	2	2
Dundas	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Durham	17	15	15	13	14	12	11	10	12	8	8	11	12	12	14
Elgin	3	4	4	4	4	2	1	1	1	1	1	1	2	1	1
Essex	12	11	12	12	11	11	9	9	7	7	6	8	6	6	6
Frontenac	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3
Glengarry	-	-	1	1	1	-	-	-	-	-	-	-	-	1	5
Grenville	1	1	1	-	-	1	1	-	-	-	-	-	-	-	-
Grey	20	19	18	19	17	11	10	9	8	6	5	5	6	10	11
Haldimand	12	13	10	11	10	8	9	10	9	10	10	11	11	17	22
Haliburton	1	1	-	-	-	1	-	-	-	-	1	1	1	2	2
Halton	25	24	18	17	14	9	7	6	5	3	3	3	3	3	2
Hastings	-	-	1	2	2	1	1	-	-	-	-	-	-	2	3
Huron	11	11	9	7	7	8	8	8	6	4	4	4	3	6	9
Kenora	2	2	1	1	1	1	1	-	-	-	-	-	1	1	1
Kent	13	10	8	8	8	6	6	5	5	4	5	5	5	5	6
Lambton	3	2	1	2	3	1	-	-	-	-	-	-	-	1	3
Lanark	3	3	3	4	2	1	1	1	1	1	1	1	1	1	1
Leeds	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
Lennox-Addington	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-
Manitoulin	4	4	4	4	4	1	1	1	1	1	1	1	1	1	1
Middlesex	22	21	16	13	10	7	7	7	4	2	3	3	3	3	3
Muskoka	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Niagara[1]	41	39	37	34	32	28	24	23	20	18	20	17	17	25	30
Nipissing	5	3	3	2	3	2	2	2	2	2	2	2	2	2	2

Table 17.12 (cont'd.)
Licenced Fur Farms, by County, Ontario, 1966-1980

	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Norfolk	12	10	10	11	11	10	9	8	7	7	7	11	15	11	14
Northumberland	1	1	1	1	1	1	1	-	-	-	-	-	–	–	–
Ontario	15	18	16	15	12	11	9	8	6	5	5	2	1	2	1
Ottawa-Carleton	1	-	-	-	-	-	-	1	1	1	1	1	1	–	–
Oxford	13	13	11	10	11	9	7	7	6	6	5	6	6	6	7
Parry Sound	6	7	5	4	2	2	1	1	-	-	-	-	–	–	1
Peel	10	9	4	4	2	2	2	1	1	1	1	1	1	1	2
Perth	43	42	37	35	33	31	26	28	27	24	23	22	23	25	31
Peterborough	1	2	2	3	3	-	-	-	-	-	-	-	–	2	1
Prescott	-	-	-	-	-	-	-	-	-	-	-	-	–	–	–
Prince Edward	-	-	-	-	-	-	-	-	-	-	-	-	–	–	–
Rainy River	1	1	1	1	-	-	-	-	-	-	-	-	–	–	–
Renfrew	1	-	-	1	1	-	-	-	-	-	-	-	–	–	–
Russell	-	-	-	-	-	-	-	-	-	-	-	-	–	2	2
Simcoe	23	23	22	19	17	16	14	14	12	11	11	11	12	13	18
Stormont	-	-	-	-	-	-	-	-	-	-	-	-	–	–	1
Sudbury	2	2	2	1	-	1	-	-	-	-	-	-	–	1	1
Thunder Bay	9	8	7	5	4	2	2	2	2	-	-	-	4	–	–
Timiskaming	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1
Toronto[2]	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Victoria	4	3	3	3	3	3	3	3	3	3	3	3	3	2	2
Waterloo	21	21	17	15	12	10	10	8	7	6	7	7	8	8	8
Wellington	45	48	47	46	45	38	36	34	33	32	33	32	32	34	37
Wentworth	13	14	11	8	9	9	7	6	5	4	3	4	3	3	3
York	24	22	19	12	8	7	4	4	5	3	3	1	–	–	–

1) Niagara includes Lincoln and Welland.
2) Toronto included in York.

Source: Ministry of Agriculture and Food, Veterinary Services Branch.

Section
18

Forestry and Mining

Highlights

- **Forestry** – Ontario's primary forest production of 14.0 million cubic metres represented 15.6 per cent of the national total of 89.9 million cubic metres in 1961; however, by 1979, Ontario's share of the national total had diminished to 13.2 per cent or 21.3 million cubic metres.

  Ontario employed 21,044 or 26.6 per cent of all people in the pulp and paper mill industry in Canada in 1972. In 1979, data indicated that this proportion had fallen to 25.9 per cent. In 1978 Ontario had 225 sawmill and planing mill establishments, accounting for 18.4 per cent of all such establishments in the country; and employed 10.4 per cent of the workforce employed by this industry throughout Canada. In 1979 there were 243 sawmills and planing mills in Ontario representing 18.6 per cent of such mills in Canada. The Ontario mills employed 7,105 workers or 10.4 per cent of the Canadian total.

  Paper production in Ontario rose by 57.2 per cent to 3.9 million tons from 1961 to 1979. In 1979 newsprint accounted for 49.1 per cent of the total Ontario production of paper, followed by printing and writing paper with 23.6 per cent, paper board with 21.0 per cent, and wrapping paper with 1.9 per cent.

  In 1978, 712.9 million cubic feet of merchantable timber were utilized in Ontario, an increase of 4.8 per cent from the previous year. In 1979 utilization rose to 752.0 million cubic feet, an increase of 5.5 per cent from the 1978 total.

  Of the 10,063 forest fires in Canada in 1979, 1,564 or 15.5 per cent were in Ontario. The Ontario forest fires burned 63,718 hectares or 2.4 per cent of the Canadian total.

- **Mining** – From 1970 to 1980 the value of mineral production rose 194.3 per cent to $4.7 billion. Nickel and copper recorded the highest output values of all minerals mined in 1980 in Ontario. Nickel had a 1979 value of $566.3 million, and copper had a 1979 value of $457.5 million. Data for 1980 showed values of $1,312.1 million and $611.2 million respectively.

  1980 preliminary data showed the production value of metallics was the highest of any mineral in Ontario, accounting for $3.9 billion or 82.7 per cent of the total value of $4.7 billion.

  The value of non-metallic minerals in Ontario has increased from $106 million in 1979 to $123.2 million in 1980. Ontario's percentage of the Canadian total fell from 5.7 per cent in 1979 to 5.0 per cent in 1980.

  The total value of structural materials produced in Canada in 1980 was $1.7 billion of which Ontario accounted for 37.8 per cent. Within Ontario in 1980, cement had the highest value, $225.6 million, representing 34.6 per cent of the total value; the value of sand and gravel was next at 26.8 per cent of the total.

Definitions

Forest Land – The 1973 National Forest Inventory reported an area of 1,259,192 sq. miles of forest land. Of this, 59,742 sq. miles are reserved by legislation for primary uses other than timber production.

On the basis of present inventories, it is estimated that the balance is comprised of 607,081 square miles of primary forest land, 76,637 square miles of secondary forest land and 515,732 square miles of tertiary forest land. Primary forest land is normally located within 50 miles of a designated or existing major wood conversion centre. Secondary forest land is located beyond 50 miles but less than 75 miles and tertiary forest land is more than 75 miles, from a wood-using centre.

Total Wood Volume – Is calculated from inventories taken in productive forest land. Three access categories are used in describing this resource; these are economically accessible, economically inaccessible and reserved. (see below).

Allowable Cut – The volume of wood that may be harvested under management for a given period.

Productive Forest Land – Stocked land that is capable of producing a merchantable stand within a reasonable length of time.

Economically Accessible – Forest management units from which the annual allowable cut can be profitably harvested (at the time of the survey).

Economically Inaccessible – Forest management units from which the annual allowable cut cannot be profitably harvested (at the time of the survey).

Reserved Land – Forest land that, by law, is not available for the growing and harvesting of forest crops (this includes such areas as parks, wilderness areas, fragile areas and restricted zones).

The Logging Industry – The Logging Industry includes establishments primarily engaged in felling and bucking, bunching, yarding, forwarding, decking and loading of roundwood and establishments primarily engaged in the recovery of lost logs including sinkers. Establishments primarily engaged in transporting wood with specialized logging trucks and in driving, booming, sorting, rafting and towing of wood – if not licensed as public carriers – are included also, as are barking mills engaged in producing barked or rossed pulpwood.

Establishment – Smallest operating unit of reporting certain specified input and output data. The number of establishments represents the number of operating units that are principally engaged in logging activities. These units do not represent the total number engaged in logging operations. Numerous logging operations are conducted by establishments classified to other industries, (e.g. the planing and sawmill industry) and by farmers and other individuals.

Employees – Production and related workers – Logging Activity – In addition to those engaged in production, they include employees engaged in maintenance, repair, janitorial, cooking and watchman services and working foremen engaged in similar work to that of the employees they supervise. Beginning with 1976, the average number of production and related workers engaged in logging is calculated by dividing the reported number of man-hours paid during the year by 1920 in British Columbia and 2000 in the other provinces. It should be noted that the division of hours paid into production and related workers' payrolls results in average hourly earnings and does not represent hourly wage rates which are collected and published by the Department of Labour and which are based on selected occupations.

Materials and Supplies - Logging activity – Figures represent quantities and laid down cost values, at the establishment level, of materials and supplies purchased during the year for use in logging activities and related processes. This includes purchases of food, van supplies, etc. as well as payments for stumpage and royalties. These statistics represent only commodity items or physical goods (cost of services or overhead charges such as advertising, insurance, depreciation, etc., are not included) whether purchased from others or received as transfers from other establishments of the reporting company. Included are maintenance and repair supplies not chargeable to fixed assets accounts and any amounts paid to others for logging work done on a contract basis. Cost of repairs or maintenance done by outside contractors is not included.

Value of Shipments – These figures represent deliveries of wood produced either by the reporting establishment or by contractors on the basis of a charge to the reporting establishment for work done as well as wood purchased from various sources. Included are revenue from repair work and amounts received in payment for work done on materials owned by other establishments.

All products shipped from the establishment are covered, including transfer shipments to other logging establishments or to log supply divisions, sawmills, shingle mills, veneer and plywood mills, pulp and paper mills, etc., of the reporting firm, when such units are treated as separate establishments. The value of shipments are net of allowances, sales tax, excise taxes and duties, and charges for outward transportation by common or contract carriers. Transportation or delivery expenses incurred by the reporting establishment's own carriers are included.

Value Added -

(a) By logging activities

Figures are compiled by deducting the cost of the purchases of logging materials, supplies, etc. and fuel and electricity from the value of shipments (adjusted for changes in the value of inventories).

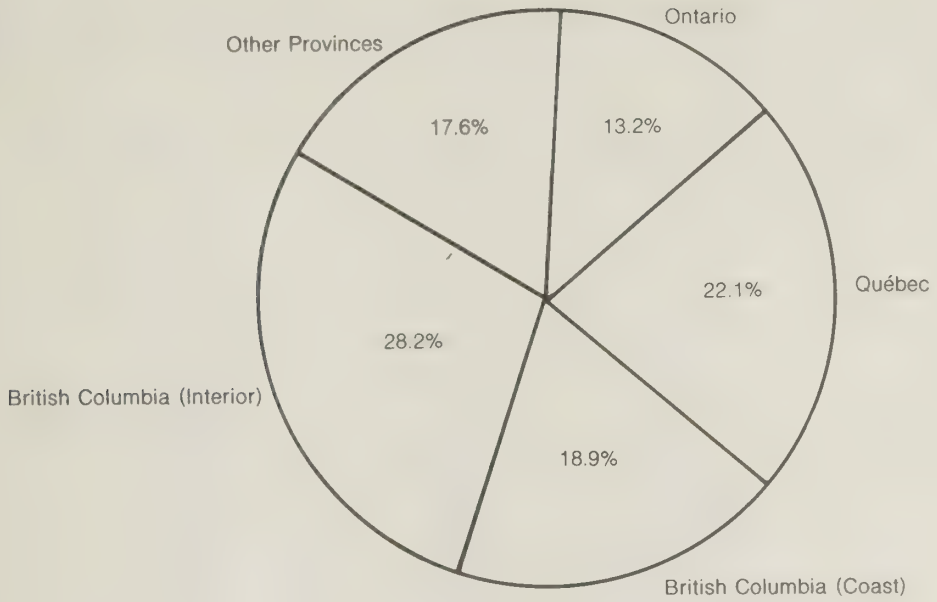
(b) By total activities

Consists of: (1) value added, logging activity and (2) value added, non-logging activity. The latter is calculated by subtracting relevant commodity inputs from non-logging revenues or output; these commodity inputs are net of the change in inventories of goods purchased for resale. Non-logging revenues include depreciable fixed assets produced by own work force for own use, revenue from sale of purchased wood residue (wood chips, etc.) but exclude non-operating revenue such as real property rentals, dividends, interest.

Logs and Bolts – The category Logs and Bolts includes considerable quantities of logs which will be used as pulpwood and, as a consequence, the category pulpwood appears to be smaller than it ought to be. This is due to the fact that many integrated operations in reporting production and deliveries do not distinguish between sawlogs, veneer logs and pulpwood. While this is most prevalent in British Columbia, a similar practice is developing in some of the other provinces.

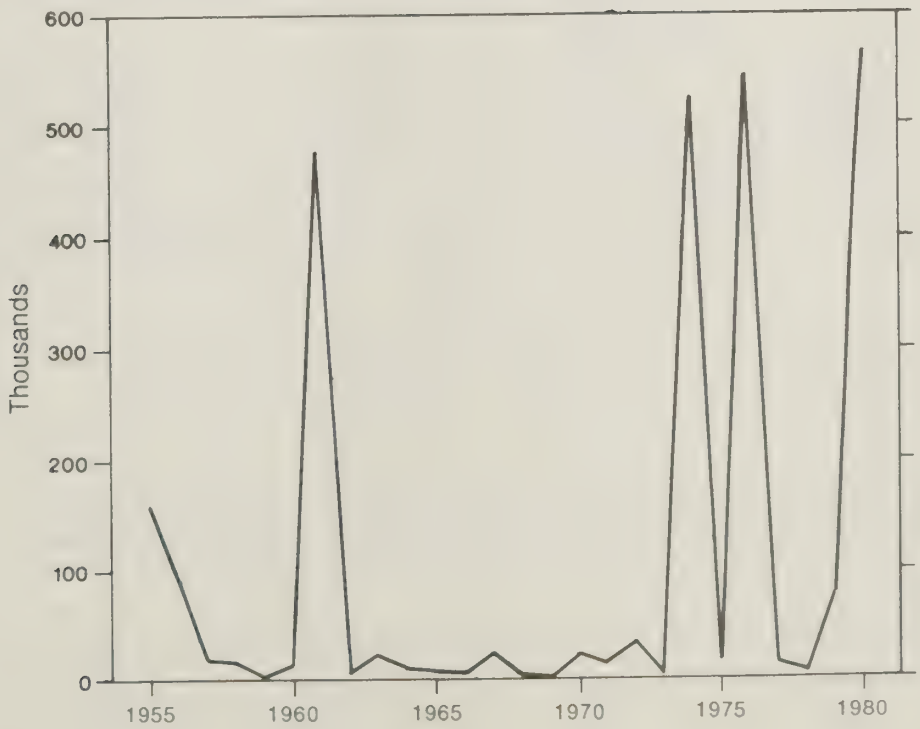
Cunit – One hundred cubic feet of solid wood excluding bark.

Graph 18.A
Estimates of Primary Forest Production, Canada, Ontario, Québec and British Columbia, 1979



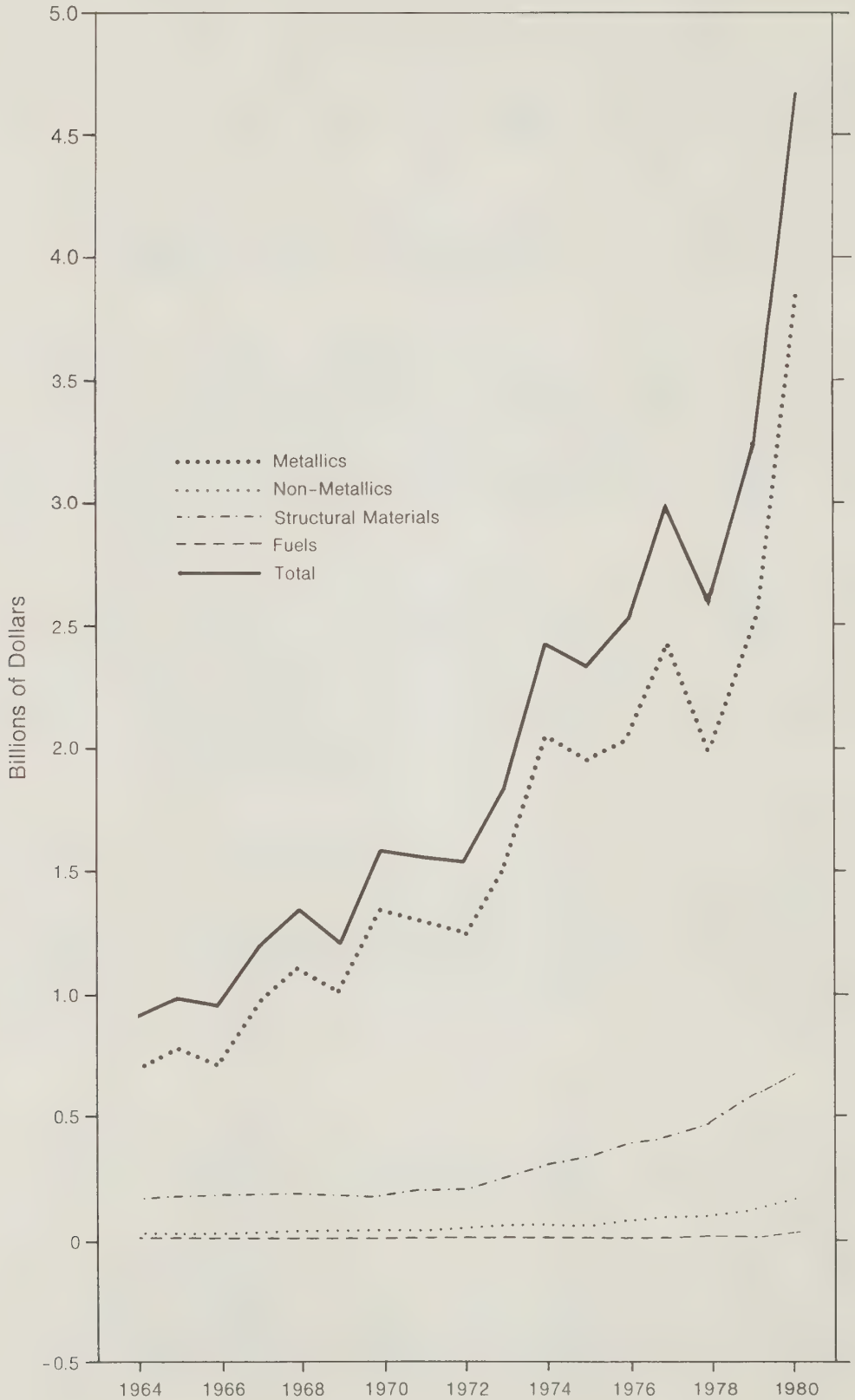
Refer to Table 18.1.

Graph 18.B
Forest Fires, Hectares Burned, Ontario, 1955-1980



Refer to Table 18.8

Graph 18.C
Value of Mineral Production, Ontario, 1964-1980



Refer to Table 18.10

Table 18.1
Estimates of Primary Forest Production, Canada, Ontario, Québec, and British Columbia 1950-1979

				British Columbia[1]	
	Canada	Ontario	Québec	Coast	Interior
			'000's of cubic metres		
1950	85,625	14,622	27,708		23,577
1951	97,321	17,003	32,331		24,417
1952	90,776	15,982	28,176		25,773
1953	87,171	14,278	26,662		27,339
1954	88,424	14,082	28,439		28,209
1955	92,892	15,350	27,870		30,607
1956	98,081	15,501	30,417		31,433
1957	89,836	16,001	25,642		29,525
1958	80,844	13,694	23,132		28,287
1959	90,238	15,053	24,841		33,247
1960	93,267	15,330	24,919		33,980
1961	89,925	13,991	25,887		33,051
1962	92,830	14,710	24,810		38,032
1963	99,772	15,153	25,872	23,069	18,658
1964	102,716	16,136	26,425	23,462	19,431
1965	103,670	16,061	26,499	24,308	19,110
1966	109,004	17,018	28,151	25,765	19,616
1967	107,572	17,193	28,310	25,489	19,047
1968	112,505	16,736	27,908	27,890	20,323
1969	121,884	17,605	30,021	28,162	25,365
1970	121,433	16,803	28,902	28,836	25,896
1971	119,714	15,841	26,584	28,402	28,155
1972	124,130	17,361	27,827	24,705	31,746
1973	143,806	18,446	29,350	32,726	37,411
1974	137,929	18,868	32,712	27,876	32,210
1975	115,263	14,215	28,407	21,366	28,711
1976	140,274	17,879	29,062	32,197	37,332
1977	145,262[r]	19,270[r]	31,063	28,557	41,413
1978	155,895[r]	20,187[r]	34,079	32,329	42,835
1979	161,757	21,294	35,736	30,565	45,630

1) Figures from British Columbia Forest Service beginning with 1960

Source: SC, *Canadian Forestry Statistics*

Table 18.2
Principal Manufacturing Statistics for Pulp and Paper Mills, Canada and Ontario, 1972-1979

	1972		1973		1974		1975	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Establishments	141	37	146	37	147	37	147	37
Manufacturing Activity								
Production and related workers								
Number	61,196	16,970	61,783	17,326	66,584	18,087	64,329	16,417
Manhours paid ('000's)	131,426	36,224	131,688	36,562	142,883	37,848	117,176	26,570
Wages ($'000's)	594,291	157,759	645,084	174,969	802,836	203,864	754,892	164,662
Cost of fuel and electricity ($'000's)	244,370	61,944	270,637	67,593	409,152	84,395	398,692	82,775
Cost of materials and supplies ($'000's)	1,483,871	358,824	1,700,933	406,916	2,306,718	556,363	2,191,527	440,049
Value of shipments of goods of own manufacture ($'000's)	3,127,821	778,067	3,790,939	932,061	5,700,192	1,347,587	5,122,093	1,031,210
Value added ($'000's)	1,374,129	355,675	1,803,889	450,338	3,033,697	717,581	2,569,050	503,784
Total Activity								
Total Employees								
Number	78,969	21,044	80,085	21,271	86,203	21,909	84,046	20,912
Salaries and wages ($'000's)	808,869	206,929	884,242	227,160	1,097,108	265,286	1,091,675	233,645
Value added ($'000's)	1,380,052	356,799	1,812,569	451,839	3,048,775	721,076	2,601,472	517,889

Table 18.2 (cont'd.)
Principal Manufacturing Statistics for Pulp and Paper Mills, Canada and Ontario, 1972-1979

	1976		1977		1978		1979	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Establishments	147	37	145	37	144	37	146	37
Manufacturing Activity								
Production and related workers								
Number	66,946	17,302	64,930	17,329	66,039	17,797	66,878	17,881
Manhours paid ('000's)	139,464	37,757	135,108	35,774	138,834	36,790	139,305	37,413
Wages ($'000's)	1,033,475	237,708	1,130,432	295,510	1,253,127	320,308	1,354,854	348,539
Cost of fuel and electricity ($'000's)	546,273	131,311	667,543	181,396	798,068	210,538	919,459	231,900
Cost of materials and supplies ($'000's)	2,732,640	579,398	2,910,869	740,843	3,255,085	828,876	3,847,566	1,029,954
Value of shipments of goods of own manufacture ($'000's)	5,992,723	1,236,886	6,636,533	1,603,037	7,648,960	1,780,255	9,282,403	2,233,098
Value added ($'000's)	2,845,278	540,709	3,056,481	681,778	3,503,545	742,298	4,539,127	977,118
Total Activity								
Total Employees								
Number	86,995'	21,693	84,533	21,604	85,601	22,177	87,055	22,539
Salaries and wages ($'000's)	1,415,843	315,867	1,541,355	383,016	1,696,769	419,289	1,847,179	461,813
Value added ($'000's)	2,876,446	548,492	3,069,757	688,718	3,507,541	744,923	4,530,521	981,529

Source: SC, *Canadian Forestry Statistics*

Table 18.3
Principal Manufacturing Statistics for Sawmills and Planing Mills (excluding Shingle Mills), Canada and Ontario, 1976-1979

	1976		1977		1978		1979	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Establishments	1,213	222	1,132	215	1,226	225	1,308	243
Manufacturing Activity								
Production and related workers								
Number	47,838	4,642	51,532	5,156	56,101	5,752	57,441	5,956
Manhours paid ('000's)	100,890	9,846	107,850	11,071	117,730	12,259	122,007	12,877
Wages ($'000's)	641,722	49,421	774,805	61,285	906,274	74,847	1,041,739	85,950
Cost of fuel and electricity ($'000's)	68,897	7,324	87,687	9,416	106,643	11,727	124,168	13,550
Cost of materials and supplies ($'000's)	1,668,975	122,226	1,925,124	146,030	2,425,968	187,757	3,252,426	260,613
Value of shipments of goods of own manufacture ($'000's)	2,878,325	222,918	3,672,730	290,277	4,693,644	396,084	5,676,034	495,612
Value added ($'000's)	1,262,426	99,427	1,718,629	136,493	2,256,605	197,297	2,609,602	241,979
Total Activity								
Working owners and partners								
Number	494	98	430	91	498	109	553	118
Withdrawals ('000's)	...	...	...	...	...	...	...	...
Employees								
Number	56,408	5,660	60,445	6,221	66,457	6,888	68,328	7,105
Salaries and wages ($'000's)	774,169	64,385	930,247	78,341	1,098,329	95,015	1,268,429	107,704
Value added ($'000's)	1,267,925	100,125	1,722,880	136,414	2,259,951	197,672	2,616,957	242,820

Source: SC, *Canadian Forestry Statistics.*

Table 18.4
Shipments of Roundwood by the "Logging Industry", Canada and Ontario, 1974-1979

Product	1974		1975		1976	
	Quantity	Value	Quantity	Value	Quantity	Value
	cunits	$'000's	cunits	$'000's	cunits	$'000's
Canada	43,917,879	2,191,249	34,784,474	1,914,618	41,621,816	2,557,529
Logs and bolts	26,906,851	1,387,540	21,127,071	1,124,917	28,133,595	1,699,311
Pulpwood	16,868,441	791,255	13,508,219	775,312	13,488,221	858,218
Poles and piling	111,419	10,696	98,054	11,261	-[1]	-[1]
Other roundwood	31,168	1,758	51,130	3,128	-[1]	-[1]
Ontario	5,804,915	281,102	4,090,399	243,339	4,584,776	306,995
Logs and bolts	1,262,575	53,865	1,067,429	56,584	1,075,044	64,343
Pulpwood	4,528,187	226,326	2,987,667	184,295	3,509,732	242,652
Poles and piling	-	-	-	-	-[1]	-[1]
Other roundwood	14,153	911	35,303	2,460	-[1]	-[1]

Table 18.4 (cont'd.)

Product	1977		1978		1979	
	Quantity	Value	Quantity	Value	Quantity	Value
	cunits	$'000's	cunits	$'000's	cunits	$'000's
Canada	41,881,377	2,768,730	44,032,205	3,207,319	44,754,687	3,973,976
Logs and bolts	29,056,654	1,875,279	30,462,508	2,228,398	30,411,791	2,870,333
Pulpwood	12,737,096	882,674	13,470,055	964,786	14,154,951	1,077,305
Poles and piling	87,627	10,777	98,116	14,033	187,945	26,338
Other roundwood	-[1]	-[1]	1,526	102	-[1]	-[1]
Ontario	5,227,321	373,391	5,606,823	428,042	5,737,896	483,055
Logs and bolts	1,501,071	93,925	1,682,049	117,557	1,720,689	133,991
Pulpwood	3,726,250	279,466	3,923,248	310,383	4,017,207	349,064
Poles and piling	-[1]	-[1]	–	–	-	-
Other roundwood	-[1]	-[1]	1,526	102	-[1]	-[1]

1) Included with logs and bolts.

Source: SC, *Canadian Forestry Statistics*.

Table 18.5
Volume of Paper Production by Kind, Ontario, 1950-1979

	Newsprint	Paper Board	Printing and Writing Paper	Wrapping Paper	Tissue Paper[1]	Other Paper	Total Paper Production
				'000's tons			
1950	1,240.1	417.4	137.6	62.7	27.5	18.4	1,903.7
1951	1,285.9	442.5	169.0	66.7	36.6	18.5	2,019.2
1952	1,296.8	408.0	153.2	56.5	31.5	17.4	1,963.4
1953	1,297.7	434.7	170.0	61.9	37.2	17.3	2,018.8
1954	1,345.7	420.7	177.0	68.7	39.3	15.6	2,067.0
1955	1,427.0	474.7	193.1	74.4	40.9	15.0	2,225.1
1956	1,471.8	507.6	224.4	74.4	45.5	13.8	2,337.5
1957	1,487.4	491.4	226.1	68.4	49.5	14.7	2,337.5
1958	1,465.3	515.8	233.9	71.4	53.0	15.8	2,355.2
1959	1,495.0	532.0	262.0	74.0	54.0	14.0	2,431.0
1960	1,608.0	538.0	266.0	74.0	51.0	13.0	2,550.0
1961	1,598.0	483.0	275.0	70.0	53.0	12.0	2,491.0
1962	1,602.3	524.2	292.4	72.5	50.8	15.5	2,557.8
1963	1,566.7	536.2	314.9	78.8	52.6	13.9	2,563.1
1964	1,714.2	579.2	323.0	83.7	52.6	15.8	2,768.4
1965	1,743.4	581.2	344.7	85.7	51.2	12.8	2,819.1
1966	1,848.9	541.8	430.9	86.7	53.2	18.7	2,980.2
1967	1,815.8	548.9	424.4	84.9	...	72.5	2,946.5
1968	1,759.8	555.6	447.7	92.2	...	97.9	2,953.1
1969	1,923.8	574.1	469.4	95.1	...	119.2	2,181.7
1970	1,856.6	593.2	532.6	75.6	...	120.0	3,178.0
1971	1,773.6	638.0	513.6	77.4	...	116.4	3,119.0
1972	1,790.5	687.8	561.7	68.2	...	127.1	3,235.3
1973	1,950.2	801.0	573.1	92.1	...	145.7	3,562.6
1974	1,960.1	829.0	698.3	100.8	...	163.8	3,752.0
1975	1,256.9	462.4	408.0	57.5	...	129.3	2,314.1
1976	1,554.9	601.0	460.3	61.1	...	179.9	2,857.2
1977	1,775.0	690.0	708.9	75.0	...	153.3	3,402.2
1978	1,833.0	765.0	821.0	82.0	...	156.0	3,657.0
1979	1,921.3	822.8	923.6	74.9	...	174.1	3,916.7

1) Incorporated in "Other Paper" category after 1966.

Source: SC, *The Pulp and Paper Industry*.

Table 18.6
Depletion of Forest Resources, Ontario, 1973-1979

	1973	1974	1975	1976	1977	1978	1979
	'000's of cubic feet of merchantable timber						
Utilization							
Logs and bolts[1]	224,500	212,500	186,000	260,000	279,500r	291,500r	322,500
Pulpwood	393,500	420,000	280,000	332,000	364,000	374,500r	380,300
Other roundwood	7,200	5,300	5,000	6,800	5,500	4,900	4,700
Industrial wood - Total	625,200	637,800	471,000	598,800	649,000r	670,900r	707,500
Non-industrial wood[2]	26,200	28,500	31,000	32,500	31,500	42,000	44,500
Total	651,400	666,300	502,000	631,300	680,500r	712,900r	752,000
Fire losses	..	..	..	..	..	..	..
Depletion							
Volume[3]	651,400	666,300	502,000	631,300	680,500r	712,900r	752,000

1) Includes some pulpwood.
2) Includes fuelwood and wood for charcoal.
3) The figures for depletion do not include wastage caused by agencies other than fire such as insects, diseases and natural mortality, for which no reliable estimates are available.

Source: SC, *Canadian Forestry Statistics*.

Table 18.7
Forest Fires by Cause, Ontario, 1962-1980

	Recreation	Resident	Forest Industry	Rail-roads	Other Industries	Incen-diary	Light-ning	Miscellaneous	
								Known	Unknown
1962	674	113	26	76	9	40	295	279	9
1963	811	313	11	93	66	36	319	216	20
1964	601	244	19	75	56	36	591	198	9
1965	404	204	20	118	54	15	202	191	10
1966	719	224	15	117	73	18	538	205	12
1967	567	203	10	176	38	23	198	236	14
1968	356	262	18	141	44	32	79	270	17
1969	256	128	7	78	21	9	202	191	9
1970	363	150	3	125	20	21	403	140	14
1971	702	192	24	152	49	27	339	282	23
1972	346	206	13	175	35	29	528	252	20
1973	357	164	13	149	30	25	173	165	35
1974	412	223	17	158	22	19	546	177	51
1975	966	281	38	288	54	43	1,043	353	80
1976	816	251	33	359	32	55	2,086	281	72
1977	530	280	18	257	32	55	527r	310	40
1978	359	91	19	147	21	35	165	87	16
1979	407	90	21	169	28	24	696	101	28
1980	239	232	26	233	15	34	793	160	47

Source: Petawawa National Forestry Institute, Canadian Forestry Service.

Table 18.8
Forest Fires, Canada and Ontario 1950-1980

	Canada		Ontario	
	Number of Fires	Area Burned	Number of Fires	Area Burned
		Hectares		Hectares
1950	5,436	1,201,863	985	14,885
1951	4,658	626,465	904	40,973
1952	4,946	462,978	1,095	5,027
1953	6,551	1,452,007	1,520	23,800
1954	3,064	564,914	881	22,134
1955	6,348	651,395	2,252	160,432
1956	4,639	853,450	1,017	91,548
1957	5,728	365,574	1,671	18,880
1958	6,814	1,995,671	1,558	14,833
1959	4,874	279,591	1,029	2,137
1960	7,346	644,873	956	12,702
1961	8,655	3,769,165	1,305	479,459
1962	6,285	349,493	1,521	5,586
1963	7,670	190,209	1,885	22,719
1964	6,944	1,211,384	1,829	11,382
1965	7,238	210,909	1,218	8,055
1966	7,468	463,154	1,921	5,834
1967	8,650	895,178	1,465	25,699
1968	7,301	895,037	1,219	3,829
1969	6,633	943,509	901	365
1970	9,253	1,058,843	1,239	22,728
1971	9,173	1,695,013	1,790	14,650
1972	8,227	780,037	1,604	32,030
1973	7,665	1,272,564	1,111	3,607
1974	8,153	832,752	1,625	523,936
1975	11,286	920,941	3,146	16,857
1976	10,262	1,813,105	3,985	544,126
1977	8,960	1,438,194	2,049	15,547
1978[r]	8,049	289,413	940	7,524
1979	10,063	2,700,748	1,564	63,718
1980	..	..	1,779	560,325

Source: Petawawa National Forestry Institute, Canadian Forestry Service.

Table 18.9
Forest Fires by Size Class, Canada and Ontario, 1950-1980

	Canada					Ontario				
	Hectares					Hectares				
	Under 0.1	0.1 to 4.0	4.1 to 40.0	40.1 to 200	Over 200	Under 0.1	0.1 to 4.0	4.1 to 40.0	40.1 to 200	Over 200
1950	1,726	2,110	1,288		312	260	518	198		9
1951	1,813	1,708	884		253	329	428	115	21	11
1952	1,868	1,999	633	254	192	391	581	103	16	4
1953	2,226	2,827	852	356	290	500	821	146	33	20
1954	1,225	1,330	326	94	89	354	428	81	9	9
1955	2,515	2,614	659	318	242	846	1,124	188	52	42
1956	2,039	1,680	452	204	264	395	502	66	26	28
1957	2,223	2,408	727	220	150	575	861	187	37	11
1958	2,875	2,568	768	224	359	490	861	178	20	9
1959	2,065	1,861	555	230	163	470	493	56	9	1
1960	3,270	2,804	674	275	323	416	448	59	23	10
1961	3,897	2,984	888	337	549	502	639	112	12	40
1962	2,866	2,584	535	183	117	670	744	84	17	6
1963	3,662	2,883	753	242	130	693	955	198	30	9
1964	2,884	2,900	711	216	233	845	829	122	22	11
1965	3,644	2,728	571	192	103	572	560	70	13	3
1966	3,673	3,032	479	167	117	998	834	70	14	5
1967	3,987	3,202	744	319	398	630	712	99	16	8
1968	3,489	2,780	620	235	177	481	602	118	17	1
1969	3,332	2,512	454	164	171	474	383	36	6	2
1970	4,695	3,438	731	185	204	645	508	61	11	14
1971	4,535	3,394	697	244	303	894	755	108	17	16
1972	3,632	3,363	722	257	253	703	757	97	26	21
1973	3,640	2,960	558	205	302	523	534	43	6	5
1974[1]	3,973	2,959	633	166	140	711	713	112	29	60
1975[1]	5,544	4,292	828	208	161	1,426	1,444	222	39	15
1976[1]	4,629	3,720	889	333	348	1,957	1,625	224	78	101
1977	3,981	3,746	839	169	225	811	1,006	157	29	46
1978[r]	4,555	2,760	508	141	85	470	390	57	18	5
1979	5,410	3,510	688	207	248	785	669	73	16	21
1980	..	..	..	..	..	797	749	133	45	55

) Figures for Canada do not include Newfoundland.

Source: Petawawa National Forestry Institute, Canadian Forestry Service.

Table 18.10
Value of Mineral Production, Ontario, 1960-1980

	Total	Metallics	Non-Metallics	Fuels	Structural Materials
			$Million		
1960	983.1	817.8	25.3	9.7	130.3
1961	944.1	781.2	23.6	9.2	130.1
1962	913.5	729.9	27.3	9.5	146.8
1963	874.3	683.6	26.9	9.5	154.2
1964	905.0	701.6	24.5	9.8	169.1
1965	993.0	776.2	23.1	8.9	184.7
1966	957.9	732.4	23.7	10.2	191.6
1967	1,194.5	970.9	28.4	9.0	186.3
1968	1,355.6	1,123.0	36.0	7.8	188.9
1969	1,223.4	1,001.0	35.7	7.4	179.3
1970	1,590.1	1,354.4	40.1	9.3	186.4
1971	1,554.2	1,290.6	43.9	9.1	210.6
1972	1,538.1	1,254.8	44.2	7.3	231.8
1973	1,854.7	1,521.8	57.2	6.5	269.1
1974	2,434.6	2,049.7	64.2	7.6	313.1
1975	2,357.3	1,949.0	56.2	11.6	340.6
1976	2,526.5	2,036.6	84.7	10.1	395.1
1977	2,980.0	2,436.1	89.6	16.9	437.4
1978	2,697.9	2,048.5	94.1	26.9	528.4
1979[r]	3,240.6	2,544.6	106.0	29.7	560.3
1980[p]	4,680.0	3,869.3	123.2	34.9	652.6

Source: Ministry of Natural Resources, Mineral Statistics Section

Production Value and Quantity of Selected Metallic Minerals, Ontario, 1960-1980

	Silver		Uranium		Nickel		Copper		Iron Ore		Gold	
	Quantity ounces	Value $	Quantity lbs.	Value $	Quantity lbs.	Value $	Quantity lbs.	Value $	Quantity tons	Value $	Quantity ounces	Value $
						Millions						
1960	11.2	10.0	19.8	212.0	403.3	277.9	412.5	123.8	5.3	48.4	2.7	92.8
1961	8.9	8.4	15.0	151.1	392.4	295.4	423.3	122.4	5.8	62.4	2.6	93.5
1962	9.4	10.9	12.8	118.3	333.2	274.2	378.0	116.3	6.4	64.5	2.4	90.6
1963	9.6	13.3	12.8	103.0	298.2	246.3	357.9	112.0	6.7	70.0	2.3	88.3
1964	9.9	13.9	11.8	63.6	324.2	267.8	395.8	131.5	8.0	85.6	2.2	81.4
1965	10.8	15.2	6.8	47.2	382.6	316.3	432.5	161.7	8.5	94.2	1.9	73.4
1966	10.9	15.2	5.9	42.8	320.4	269.5	406.0	181.4	8.1	91.7	1.7	62.6
1967	14.3	24.8	5.5	41.4	380.1	352.2	552.3	261.8	8.6	99.9	1.5	56.5
1968	21.8	50.5	5.4	39.2	407.5	405.2	581.2	278.3	10.9	127.1	1.4	52.0
1969	22.3	43.0	..	40.3	293.6	329.1	477.6	244.3	10.5	128.2	1.2	46.3
1970	19.9	36.8	6.7	40.7	448.5	608.4	590.2	340.8	11.8	144.8	1.2	42.5
1971	18.7	29.1	7.0	..	431.5	583.9	604.7	317.5	11.2	136.2	1.1	40.1
1972	19.6	32.7	8.4	..	378.9	519.9	579.4	293.5	11.8	139.5	1.0	58.7
1973	19.6	49.6	8.1	..	393.3	574.8	574.6	365.3	12.4	152.5	0.9	89.8
1974	17.9	82.6	8.4	..	460.9	749.8	625.9	484.0	12.0	180.1	0.8	124.4
1975	14.9	67.2	10.6	..	394.8	811.3	568.3	361.4	10.5	219.0	0.8	123.7
1976	16.3	70.1	9.8	..	413.2	882.3	573.6	391.4	11.1	252.3	0.7	91.0
1977	16.9	82.9	9.4	250.7	396.8	927.5	617.2	428.0	11.4	287.8	0.7	116.3
1978	14.2	87.9	9.8	363.8	206.5	474.6	434.4	324.0	10.6	308.4	0.7	154.5
1979[r]	13.2	171.8	10.4	375.8	195.0	566.3	425.4	457.5	8.7	287.2	0.6	221.5
1980[p]	14.5	354.2	11.1	413.5	343.2	1,312.1	514.3	611.2	7.2	262.6	0.6	387.9

Source Ministry of Natural Resources, Mineral Statistics Section

Table 18.12
Production Value and Quantity of Non-Metallic Minerals, Canada and Ontario, 1978-1980

	Canada						Ontario					
	1978		1979[r]		1980[p]		1978		1979[r]		1980[p]	
	Quantity Tons	Value $	Quantity Tons	Value $	Quantity Tons	Value $	Quantity Tons	Value $	Quantity Tons	Value $	Quantity Tons	Value $
	'000's											
Asbestos	1,567	532,403	1,645	607,461	1,472	641,737	–	–	–	–	–	–
Barite*	..	2,657	..	1,953	..	2,562	..	475	..	596	..	750
Fluorspar	–	–	–	–	–	–	–	–	–	–	–	–
Gemstones	..	1,505	..	1,391	..	1,470	..	83	..	66	..	70
Gypsum	8,901	38,625	8,927	41,126	7,947	43,670	817	4,358	820	4,831	874	7,488
Magnesitic Dolomite and Brucite	..	5,990	..	8,990	..	10,405	–	–	–	–	–	–
Nepheline Syenite	660	14,182	668	15,180	653	15,877	660	14,182	668	15,180	653	15,877
Peat Moss	480	35,162	529	41,150	538	42,506	9	768	8	676	9	815
Potash (K_2O)	6,993	504,535	7,798	735,247	8,303	986,220	–	–	–	–	–	–
Pyrite, Pyrrhotite	10	72	34	275	35	345	–	–	–	–	–	–
Quartz	2,387	21,747	2,611	26,578	2,892	29,318	933	6,978	1,081	8,965	1,426	10,108
Salt	7,112	98,326	7,585	109,848	7,748	125,848	5,363	61,679	5,720	67,900	5,291	72,358
Soapstone, Talc, Pyrophyllite	68	2,177	100	3,439	96	3,086	..	440	..	914	..	1,025
Sodium Sulphate	415	19,299	489	25,211	547	28,930	–	–	–	–	–	–
Sulphur, in smelter gas	745	11,649	736	14,515	995	22,955	331	5,131	348	6,221	579	13,542
Sulphur, elemental	6,341	101,392	6,960	159,642	8,160	414,484	–	–	22	673	24	1,200
Titanium Dioxide, etc.	..	88,156	..	75,670	..	110,559	–	–	–	–	–	–
Total Value Non-Metallics	...	1,477,877	...	1,867,676	...	2,479,969	...	94,094	...	106,022	...	123,233

Source: Ministry of Natural Resources, Mineral Statistics Section.

Table 18.13

Production Value and Quantity of Fuels and Structural Materials, Canada and Ontario, 1978-1980

	Canada						Ontario					
	1978		1979[r]		1980[p]		1978		1979[r]		1980[p]	
	Quantity '000's	Value $'000's	Quantity '000's	Value $'000's	Quantity '000's	Value $'000's	Quantity '000's	Value $'000's	Quantity '000's	Value $'000's	Quantity '000's	Value $'000's
Fuels												
Coal[1]	33,596	779,426	36,597	860,000	40,234	946,000	–	–	–	–	–	–
Natural Gas[2]	3,128,056	3,923,465	3,334,623	4,855,845	2,980,628	6,692,200	11,099	18,715	10,312	21,420	11,583	25,488
Natural Gas by-products[3]	102,659	1,063,670	123,683	1,449,015	117,858	1,741,474	–	–	–	–	–	–
Petroleum, crude[3]	480,448	5,810,996	546,647	7,451,855	529,589	9,098,104	593	8,154	579	8,259	610	9,447
Total Value Fuels	. .	11,577,557	. .	14,616,715	. .	18,477,778	. .	26,869	. .	29,679	. .	34,935
Structural Materials[1]												
Clay products	. .	109,635	. .	121,526	. .	114,266	. .	59,667	. .	60,768	. .	59,527
Cement	11,639	572,591	12,969	653,877	11,571	657,402	4,357	183,110	4,117	182,252	4,721	225,594
Lime	2,242	76,218	2,050	82,774	2,274	102,810	1,513	46,807	1,318	51,921	1,427	60,590
Sand and Gravel	299,930	416,860	382,028	457,120	361,404	511,582	98,344	144,254	90,516	151,847	133,660	174,900
Stone	134,641	332,744	120,945	330,708	113,848	339,438	37,275	94,517	39,831	113,478	44,000	132,000
Total Value Structural Materials	. . .	1,508,048	. . .	1,646,005	. . .	1,725,498	. . .	528,355	. . .	560,266	. . .	652,611

1) In tons
2) In thousands of cubic feet.
3) In barrels

Source: Ministry of Natural Resources, Mineral Statistics Section

Section
19

Energy

Highlights

- **Energy Consumption** – The Commercial and Industrial Use sector has the highest energy consumption of all use sectors. In 1972 it had reached over 50% of the total energy consumed, while in 1978 it declined to 42.7 per cent. In the Transportation Use sector, "Road" accounted for 84 per cent of the energy consumed in 1978 as compared with "Air", "Marine" and "Rail" which consumed 6.3, 5.2 and 4.3 per cent respectively. Due to the break in methodology of deriving energy consumption by use sector, the 1978 figures are not directly comparable with the previous year's data. This aspect is explained in detail in Statistics Canada's Catalogue 57-003 Quarterly, 1978-IV.

  Compared to 1971, the amount of energy consumed in coal and coal products has decreased by 2.1 per cent, and fuel oils and diesel by 3.1%; while gasolines, light distillates, natural gas and electricity have increased by 27.1, 9.5, 35.3 and 39.2 per cent respectively.

  For non-durable commodities in 1978, the Paper and Allied Industries and the Chemical Industries both accounted for the highest energy consumption in manufacturing. The former consumed 30.1 per cent; the latter consumed 38.2 per cent of the total consumption of all industrial groups, which totalled 296 trillion B.T.U. in 1978. Of the 1978 durable commodities consumption total of 254 trillion B.T.U., Primary Metal Industries accounted for 45.2 per cent.

- **Energy Use per Citizen (Share index of energy consumption)** – In 1978, Ontario, of all provinces, was the most intensive user on a per person basis in the industrial category. Energy consumption per person in Canada was greatest in the transportation category with 71.72 x 10^9 joules (68.00 million B.T.U.'s)/person, followed by 67.17 x 10^9 joules/person in the industrial category, and 56.81 x 10^9 joules/person in the combined residential and agriculture categories.

- **Renewable Energy and Energy Conservation** – Federal and Ontario government programs for promoting renewable energy technology and better energy conservation practices have allocated $678.3 million and $16.1 million respectively to these projects. The Federal funding covers varying periods up to 1985 and the provincial funding relates to the period 1978-81. The definitions should be consulted for fund applications and other details.

- **Ontario Hydro** – Hydro-electric power is the largest source of energy supplied in Ontario. Its contribution has dropped considerably with the introduction of alternative power sources, most notably coal, natural gas and nuclear energy. In 1961 hydro-electric sources supplied 80.04 per cent of the energy. This figure dropped in 1971 to 48.25 per cent and finally in 1980 to 32.86 per cent. Nuclear power has risen from nil in 1961 to 31.88 per cent in 1980. Coal accounted for 27.72 per cent in 1980.

  Primary energy delivery, in terms of billions of kilowatt-hours (BkWh), rose from an annual quantity of 17.64 BkWh in 1951 to 33.86 BkWh by 1961 and more than doubled again to 100.18 BkWh by 1980.

  The number of ultimate customers served by Ontario Hydro between 1962 and 1980 increased by 935,464 or 47.0 per cent. Of the electric energy distributed to residential and general services, the percentage change from 1979 to 1980 was +1.5 per cent for residential services and +1.7 per cent for general services. The 1978 to 1979 change for residential services was +2.4 per cent. For general services the percentage change from 1978 to 1979 was +4.2 per cent.

  Installed generating capacity in Ontario increased steadily through the 1974-1978 period. For both the electrical utilities and industrial establishments total installed generating capacity in 1974 was 18.4 million kW. By 1978 the capacity had increased by 40.1 per cent from 1974 and has remained at this level for 1979. In 1979, privately and publicly-operated electrical utilities generated 25.1 million kW. This figure is 41.0 times that generated by industrial establishments.

Definitions

Conversion – The term "conversion" in Table 19.7 is used to describe the process of changing primary fuel, i.e. naturally occurring fuel e.g. coal, crude oil, and for the purposes of this study, hydro and nuclear generated electricity, into secondary fuel, i.e. that resulting from the processing of other fuels, e.g. coke from coal or

motor gasoline from crude oil. "Transformation" refers to the process of changing secondary fuels into other secondary fuels, e.g. thermal electricity from fuel oil fired power stations. From the resultant output of secondary energies included in the balance sheet, it becomes possible to compute the efficiency of the conversion transformation process; however, any non-energy forms produced in the process, for example lubricating oils at refineries, have been excluded. It is therefore possible that part of a seeming increase in the inefficiency of conversion/transformation could be explained by an increase in the output of non-energy forms. The impact of such forms should, however, be minimal.

Efficiency of Conversion – Efficiency measures are given as a percentage, viz: usable energy output to the energy content of the input (by heat units) × 100. In the case of oil refining those commodities (output from the process) which are not regarded as energy sources and for which a BTU equivalent is not published by Statistics Canada are excluded from the measure of efficiency; further, in this instance, a certain proportion of secondary products are fed back into refining. These are deducted from the output. As already noted, non-energy products (comprising petro-chemical feed stocks, naphtha specialities, asphalt and lubricating oils and greases) are excluded from the efficiency measure used in oil refining. In order to cover this point a second measure of the oil refining process is given in terms of the quantity of non-energy products produced as a percentage of crude oil input (by barrels).

BTU's – The following natural units and their equivalent BTU (British Thermal Unit) conversion factors have been used in those tables sourced "Ministry of Treasury and Economics, Central Statistical Services". In the case of natural gas, the BTU content of this fuel has been steadily declining throughout the period under review, and consequently, a varying conversion factor has been used.

Fuel Type	*Natural Unit*	*Conversion Factor BTU's × 10^6*
Coal		
Anthracite	short tons of 2,000 lbs.	25.4000
Imported Bituminous	short tons of 2,000 lbs.	25.8000
Canadian Bituminous	short tons of 2,000 lbs.	25.2000
Sub-Bituminous	short tons of 2,000 lbs.	17.0000
Lignite	short tons of 2,000 lbs.	13.2000
Coke	short tons of 2,000 lbs.	24,8000
Coke Oven Gas	'000 cubic feet	0.5000
Liquefied Petroleum Gas	barrels of 35 Canadian gallons	4.0950
Crude Oil	barrels of 35 Canadian gallons	5.8030
Still Gas	barrels of 35 Canadian gallons	6.2874[1]
Motor Gasoline	barrels of 35 Canadian gallons	5.2220
Kerosene	barrels of 35 Canadian gallons	5.6770
Diesel	barrels of 35 Canadian gallons	5.8275
Light Fuel Oil	barrels of 35 Canadian gallons	5.8275[2]
Heavy Fuel Oil	barrels of 35 Canadian gallons	6.2874[2]
Petroleum Coke	barrels of 35 Canadian gallons	6.3852
Aviation Gasoline	barrels of 35 Canadian gallons	5.0505
Aviation Turbo Fuel	barrels of 35 Canadian gallons	5.4145
Natural Gas	'000 cubic feet	1.0700/1.0000[3]
Electricity	'000 kWh	3.4120

It has been assumed that the BTU equivalent of "other fuels" is approximated by pro-rating on the basis of average cost per heat unit, thus:

$$b_o = \frac{(B) \times C_o}{(C_T - C_o)}$$

where b_0 = the estimated BTU for "other fuel", C_0 = the cost of "other fuel", B = the sum of the BTU's for all fuel and electricity except "other fuel", C_T = the total cost of Fuel and Electricity for each major group by year for Ontario.

Selected Conversion Factors: kilo = 10^3; mega = 10^6; giga = 10^9; tera = 10^{12};
1 B.T.U. = 1.054615 x 10^9 joules
1 barrel = 0.15891 cubic metres
1 ton (short) = 0.9071847 metric tonne

1) Still gas is expressed in barrels of Heavy Fuel Oil equivalent.
2) In calculating BTU's consumed by manufacturing industries it has been assumed that light fuel oil and heavy fuel oil are used in the ratio of 1:1.5, 1:2.4 and 1:3.3 for 1970, 1971 and 1972, respectively. This follows an assumption of approximate linear change in the proportion of utilization from 1970 to 1978. (Actual breakout for 1974 to 1978 are available on request from the Ministry of Treasury and Economics, Central Statistical Services).
3) In the case of natural gas the BTU content of the fuel has declined since 1958; consequently, a variable conversion factor has been used in the first set of tables. In the tables covering energy consumption in manufacturing, the lowest value for the conversion factor is used.

Renewable Energy Development, Application and Conservation – Specified activities of Federal and Ontario Governments aimed at assisting in the development and use of renewable sources of energy and of improved energy conservation practices have been covered herein. These programs are described below.

i) AERD (Agricultural Engineering Research and Development): provides support to R & D in Agricultural Engineering which includes areas of solar and wind energy, and biomass conversion;

ii) LEBDA (Low Energy Building Design Awards): provides competition awards for those involved in the design of energy efficient buildings;

iii) PUSH (Purchase and Use of Solar Heating Program): encourages the development of Canadian solar energy technology;

iv) BELG (Biomass Energy Loan Guarantee): encourages groups of industries, in cooperation with communities (and, possibly, electrical utilities) to use biomass and/or municipal refuse as the energy source for electrical generation, particularly co-generation of electricity and heat;

v) Expanded Research, Development and Demonstration, 1978-1984. This program announced by the Federal Government provides for the demonstration of novel technologies or applications for harnessing energy from forests and farms (e.g. conversion of biomass to liquid fuels or chemicals).

vi) F.I.R.E. (Forest Industry Renewable Energy Program): assists those who are trying to create an energy source from wood residues;

vii) RAP (Research Agreement Program): provides funding to research organizations which are working towards a better use of mineral and energy resources; also funds projects which provide information on Canada's landmass;

viii) Provincial and Joint Federal-Provincial: These pertain to R & D programs conducted by many provincial ministries as well as the $114 million which will be available through joint federal/provincial agreements for renewables and conservation projects;

ix) DRECT (Development and Demonstration of Resource and Energy Conservation Technology): assists small entrepreneurs who are working on innovative methods of energy or material recovery from municipal and industrial waste;

x) ENFOR (Energy from the Forest): this is a contracting program applicable to any Canadian organization with research, development and demonstration expertise in forest products, certain aspects of cultivation and biomass energy-production;

xi) IRAP (Industrial Research Assistance Program): assists federally or provincially incorporated companies engaged in activities based on the physical or life sciences, whose research project stresses a special potential for the national good, such as, R & D in renewable energy;

xii) MINI-IRAP (Mini Industrial Research Assistance Program): this is an extension of IRAP and designed for small companies (less than 100 employees) with limited experience and expertise in the development of technology;

xiii) PILP (Program for Industry/Laboratory Projects): assists companies which are interested in co-operative R & D under contract with NRC laboratories;

xiv) IERD (Industry, Energy Research and Development Program): assists firms engaged in R & D of energy conservation in industrial processes and equipment;

xv) RFP (Request for Proposals): applicable to firms which are interested in providing services for government departments.

xvi) Unsolicited Proposals: a medium whereby the Federal government purchases services and products in science matters for unique projects whose concepts are not covered by other federal programs; and which enable government departments to carry on its own research;

xvii) Renewable Energy and Conservation – Federal and Provincial government programs for promoting renewable energy and better energy conservation practices have allocated $678.3 mil. and $27.2 mil. respectively to these projects. Federal funding covers varying periods to 1985, the provincial fundings relate to 1978-79.

xviii) Provincial Governments Energy R & D expenditures for 1978-79 contain interministerial projects in energy conservation areas pertaining to buildings, transport, food supply, thermal wastes, municipal and industrial wastes, oil and gas combustion, industrial processes, storage and hydrogen systems, urban form, consumer products and lifestyles, and other (i.e. improvement in recovery, development and use of energy sources (Alberta); development of energy demand forecasting models (Ontario); total energy management (P.E.I.); and co-ordination of energy R & D in Saskatchewan). Areas covered in Renewable Energy Resources pertain to river and tidal power, solar, biomass, wind, geothermal and other.

xix) Ontario Government Energy R & D expenditures for 1978-81 in energy conservation and renewable energy resources pertain to 191 projects by 10 participating Ministries, coordinated by Ministry of Energy.

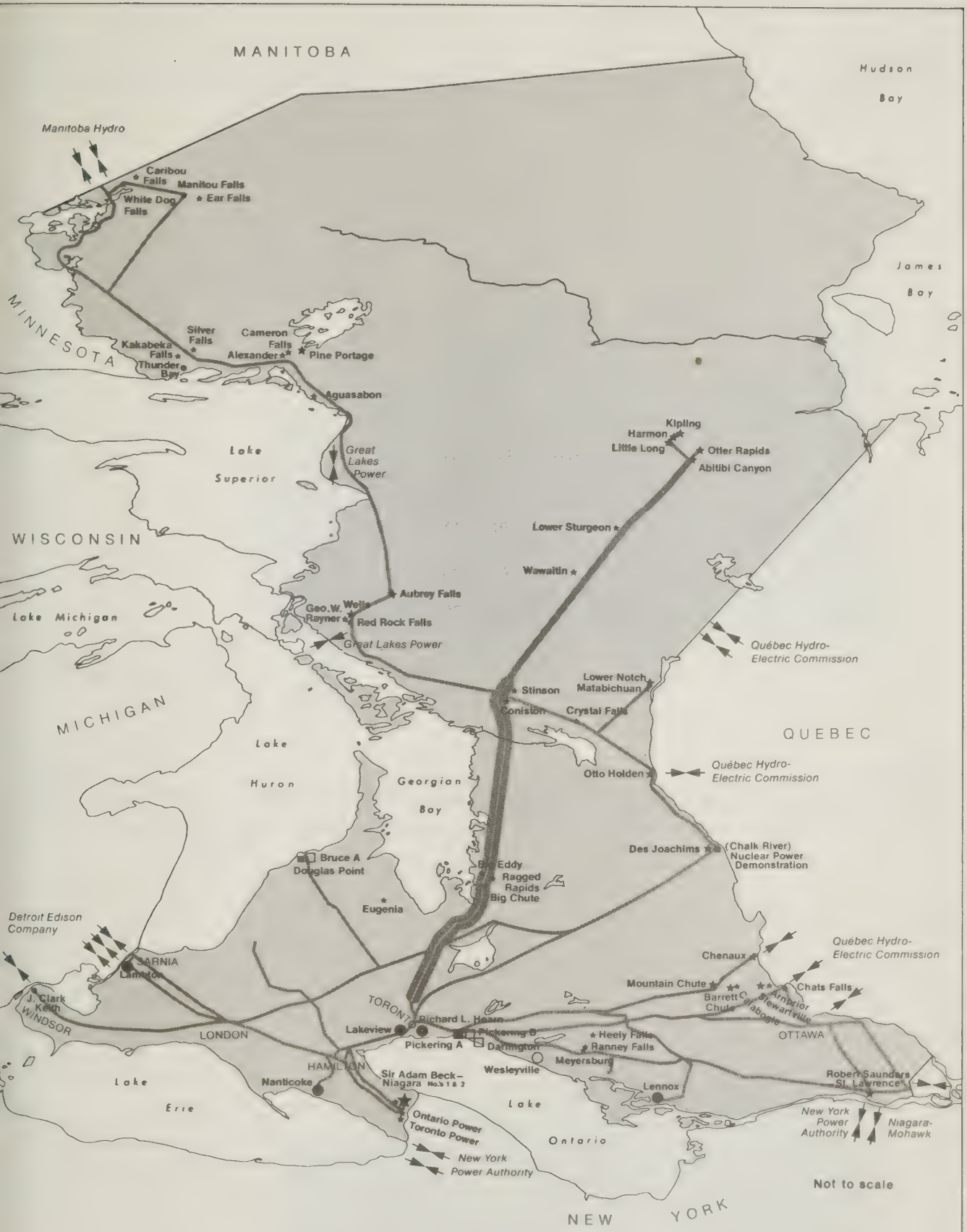
xx) Ontario Hydro participates in alternate energy development, which includes conservation and renewable energy. In conservation it is engaged in residential, commercial, agricultural and industrial research. These programs are aimed at improving efficiencies in lighting, heating, ventilating, accurate heat design in building construction, heat pump systems, material handling, and the like through research, on-site testing and by various customer information programs.

In the renewable field Ontario Hydro is engaged in demonstrations of photovoltaic cells, hydraulic studies, passive solar home demonstration and solar water heater demonstration.

In alternate energy, Ontario Hydro is engaged in studies of hydrogen, production use of reject heat for the development of agricultural greenhouses and the like.

Retail – These are customers located in rural areas or in certain communities not served by municipal electric utilities and are supplied directly by Ontario Hydro.

Direct – These are industrial customers with demands in excess of 5,000 kilowatts who are served directly by Ontario Hydro.



Map 19.A Ontario Hydro System

Thermal-Electric Stations

Fossil Fueled	Nuclear Fueled
●	■ < 1,000 MkW
●	■ ≥ 1,000 MkW
○	□ ≥ 1,000 MkW proposed or under construction

Hydro-Electric Stations[1]

- ★ ≤ 100 MkW
- ★ > 100 and ≤ 1,000 MkW
- ★ > 1,000 MkW

Transmission Lines[2]

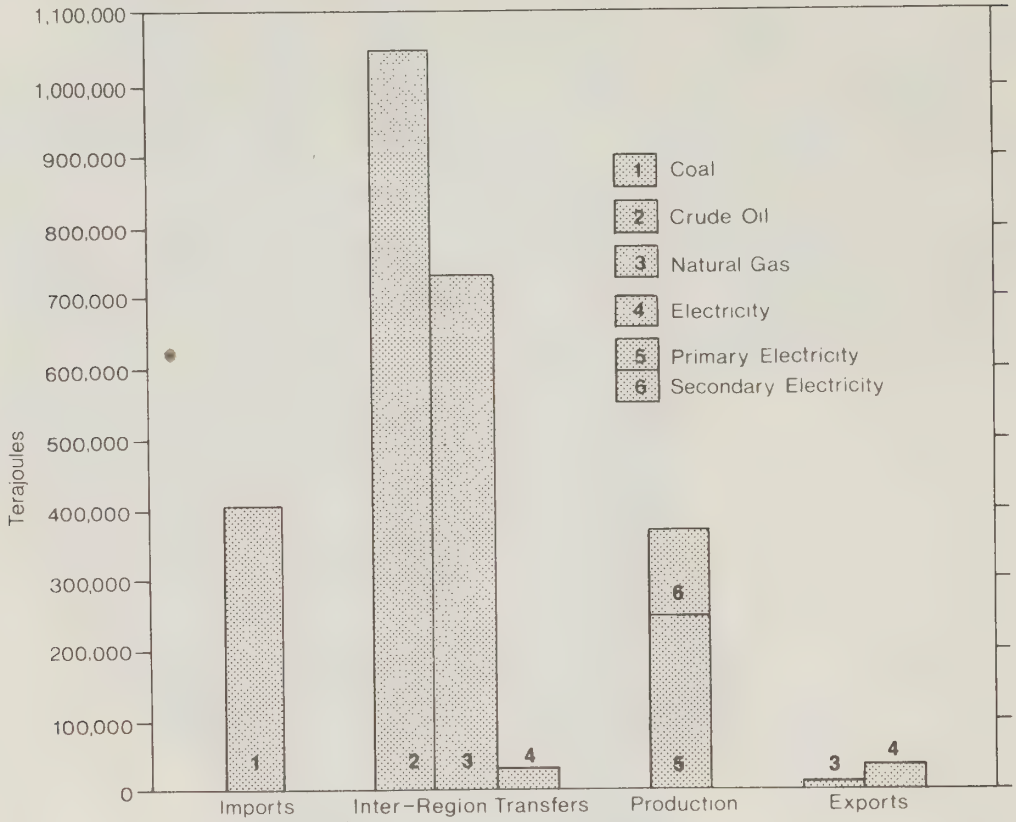
- 500 kv
- 230 kv
- Power interconnections

[1]Hydro-electric stations generating less than 4 MkW are excluded.
[2]Transmission lines carrying less than 230 kv are excluded

Source: Ministry of Treasury and Economics
Central Statistical Services, based on Ontario Hydro information

Graph 19.B

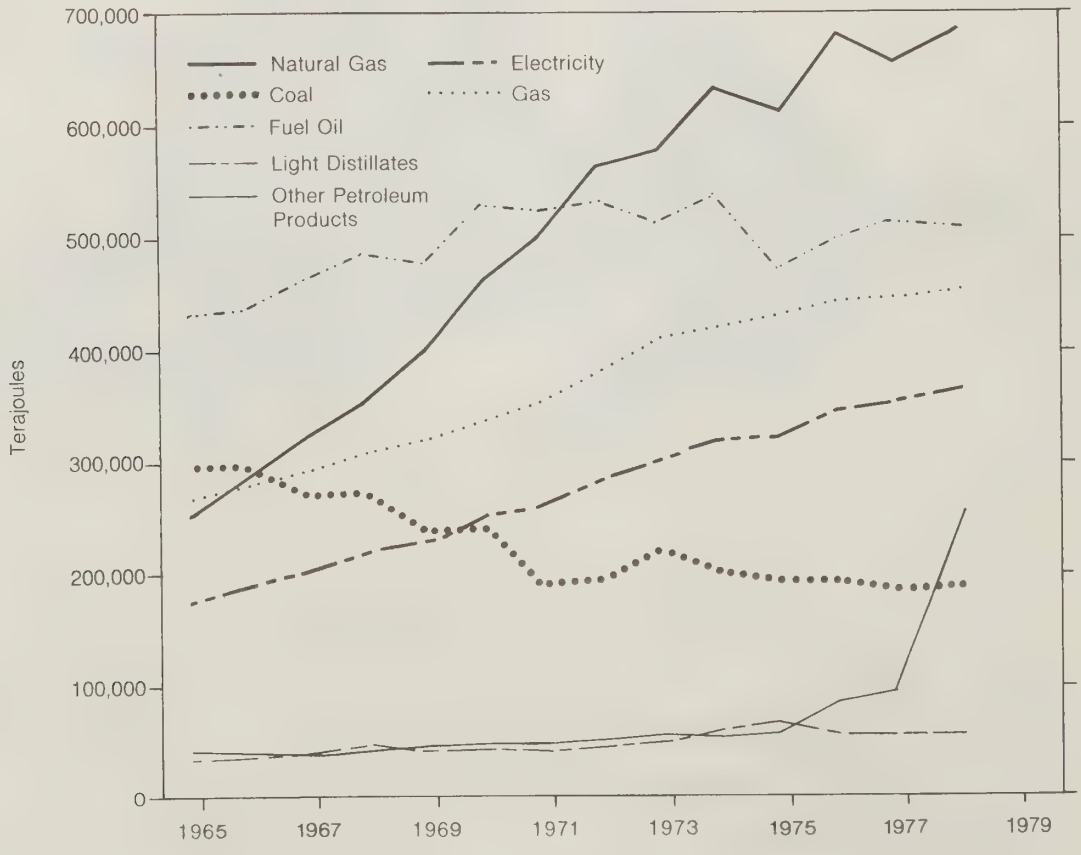
Primary Fuel Supply, Production of Electricity and Energy Exports, Ontario 1978



Refer to Table 19.1 and 19.4

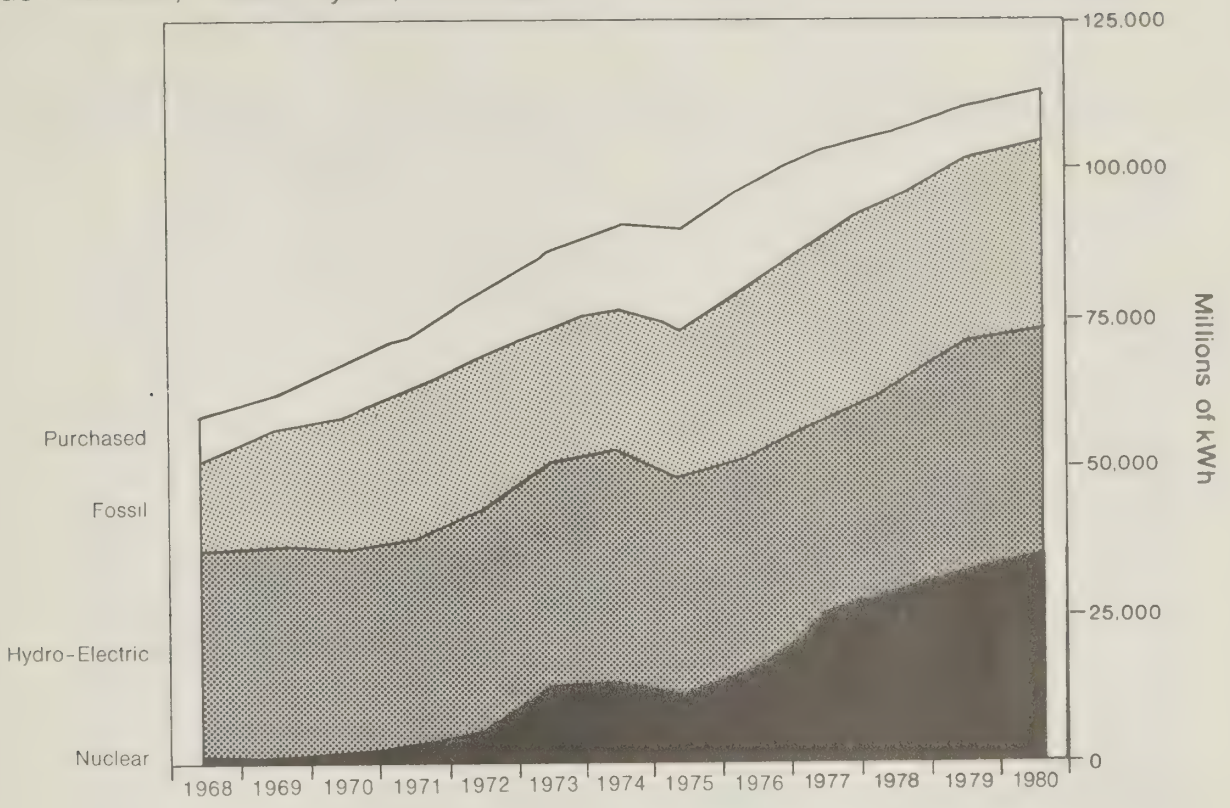
Graph 19.C

Energy Consumption by Commodity Group, Ontario, 1965-1978



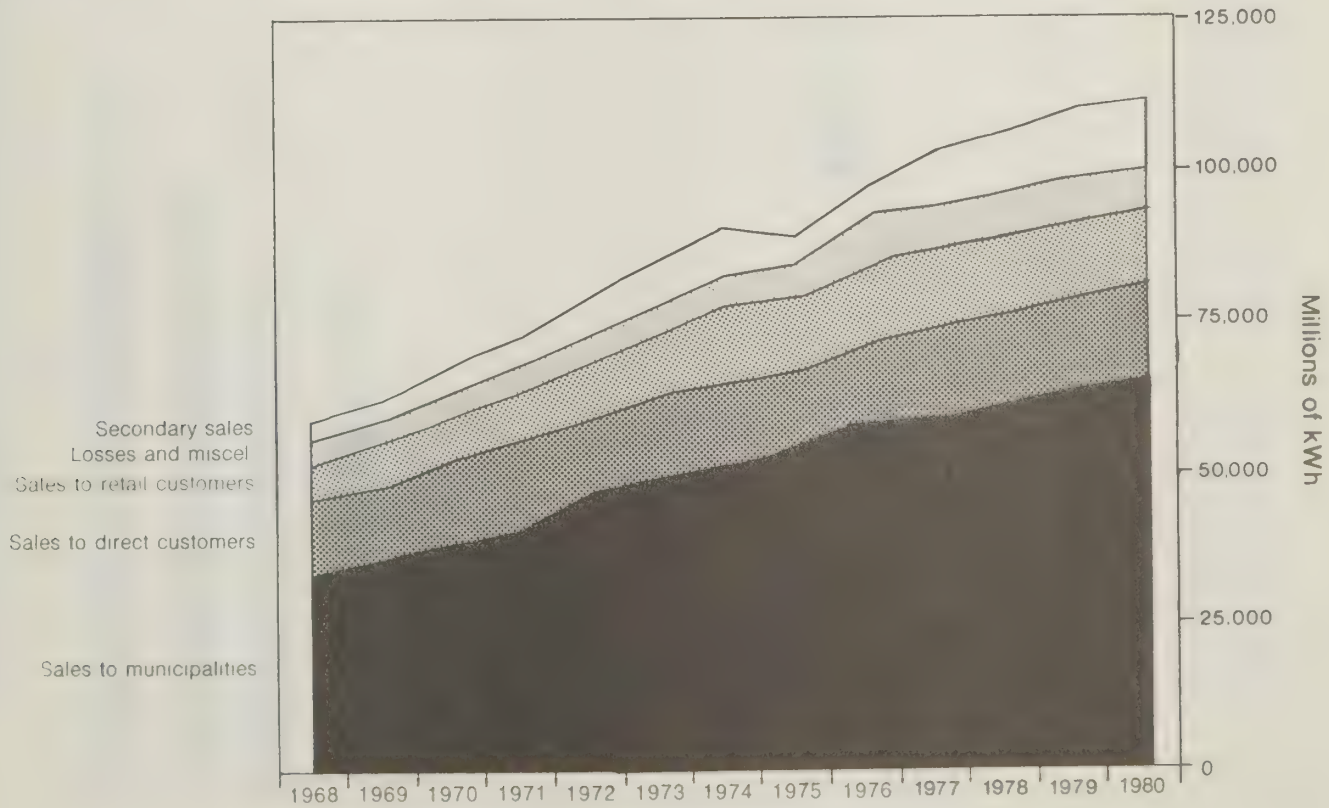
Refer to Table 19.6

Graph 19.D
Energy Made Available, Ontario Hydro, 1968-1980



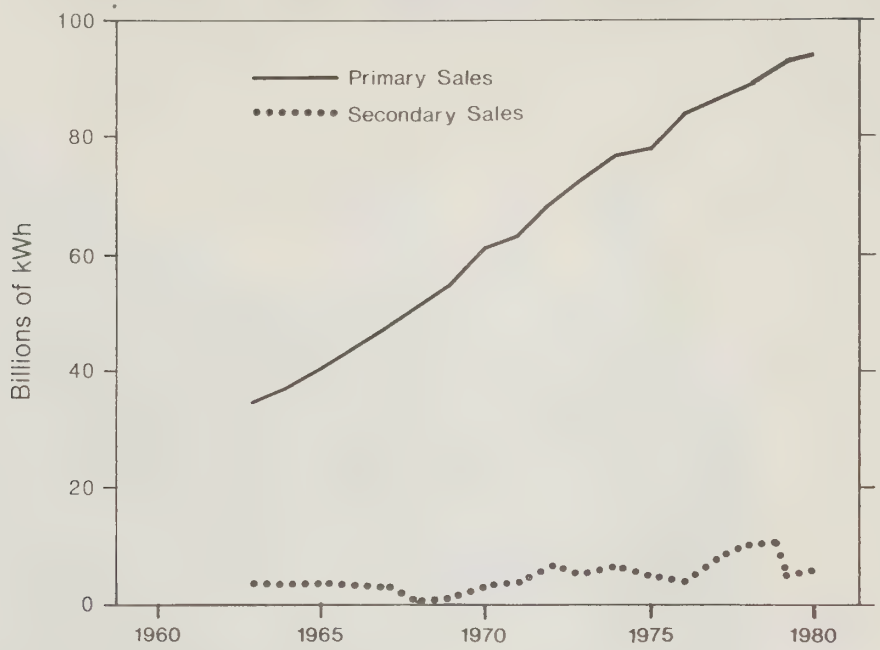
Source: Ontario Hydro, *Annual Report*

Graph 19.E
Disposal of Energy, Ontario Hydro, 1968-1980



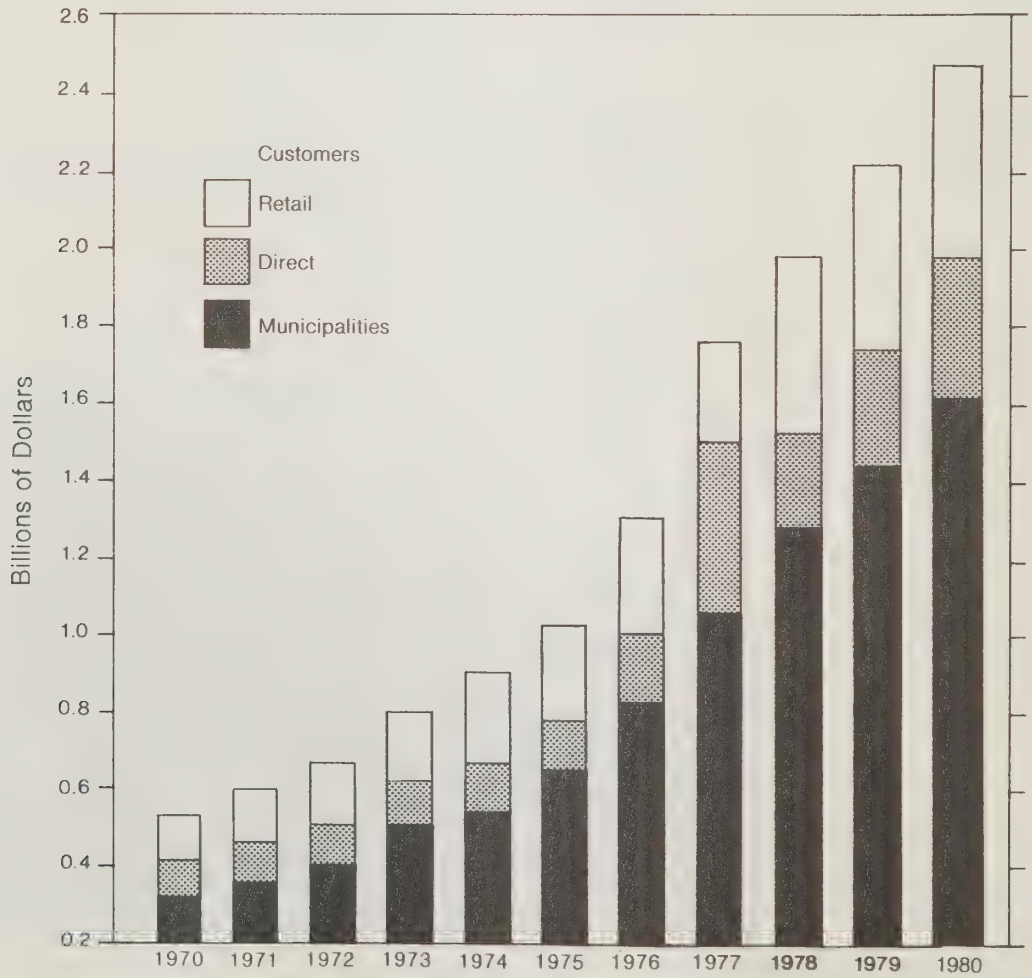
Source: Ontario Hydro, *Annual Report*

Graph 19.F
Primary and Secondary Energy Sales, Ontario Hydro, 1963-1980[p]



Source: Ontario Hydro, *Annual Report*

Graph 19.G
Primary Revenues, Ontario Hydro, 1970-1980



Source: Ontario Hydro, *Annual Report*

Table 19.1
Primary Fuel and Electricity, Ontario, 1967-1978

	Coal	Liquified Petroleum Gas	Crude Oil	Natural Gas	Electricity	Total
			Terajoules			
Production						
1967	–	–	7,590	15,006	137,034	159,630
1968	–	–	7,047	12,725	141,251	161,023
1969	–	–	7,109	11,951	146,150	165,210
1970	–	–	6,415	17,996	144,128	168,538
1971	–	–	5,864	17,148	151,141	174,153
1972	–	–	5,373	12,972	170,491	188,835
1973	–	–	4,945	10,048	198,146	213,140
1974	–	–	4,492	7,949	199,127	211,567
1975	–	–	4,308	11,532	180,843	196,684
1976	–	361	3,801	5,230	197,215	206,606
1977	–	427	3,776	8,992	220,752	233,946
1978	–	–	3,629	11,586	246,863	262,078
Exports						
1967	–	–	–	4,212	11,161	15,373
1968	–	–	–	5,114	9,101	14,215
1969	–	–	–	17,359	10,366	27,725
1970	–	63	–	35,475	12,949	48,486
1971	–	–	–	33,986	14,610	48,596
1972	–	–	–	18,709	21,861	40,570
1973	193	85	–	13,918	27,512	41,708
1974	–	–	–	13,866	28,327	42,193
1976	–	–	–	12,983	17,410	30,393
1976	–	59,683	–	13,579	22,372	95,634
1977	–	88,678	–	15,622	34,717	139,017
1978	–	71,691	5,184	13,289	39,085	129,249
Imports						
1967	401,914	–	2,584	75,000	9,054	487,751
1968	439,381	–	2,876	85,898	9,388	537,545
1969	433,820	–	2,580	36,725	8,060	481,185
1970	495,580	–	2,806	11,338	10,313	520,039
1971	453,076	–	2,500	15,013	9,193	479,783
1972	480,090	–	2,598	16,417	6,288	505,393
1973	428,486	–	2,998	15,541	5,735	452,760
1974	349,942	–	417	14,107	6,588	371,054
1975	451,779	–	1,823	10,708	9,771	474,081
1976	421,926	–	14,253	4,225	7,445	447,849
1977	450,089	–	116,683	–	4,198	570,970
1978	413,060	–	146,350	–	2,723	562,133
Inter-Region Transfers[1]						
1967	34,250	8,715	684,798	244,543	19,120	991,426
1968	32,114	11,477	727,432	264,308	16,546	1,051,876
1969	13,114	14,625	754,189	373,431	16,438	1,171,797
1970	15,408	14,425	818,731	496,812	22,900	1,368,275
1971	8,130	12,114	823,253	519,751	20,949	1,384,196
1972	1,763	19,715	835,980	604,473	30,181	1,492,111
1973	946	21,983	906,870	685,801	37,108	1,652,707
1974	6,736	24,849	1,008,337	722,375	43,894	1,806,192
1975	25,155	27,186	984,207	724,990	45,922	1,807,459
1976	14,491	83,046	1,000,321	746,498	46,318	1,890,674
1977	20,017	108,215	1,003,271	762,766	40,265	1,934,534
1978	47,280	90,786	1,060,797	726,786	33,968	1,959,618

1) The inter-region transfers are into Ontario.

Source: SC, Detailed Energy Supply and Demand, (57-207 and 57-003).

Table 19.2
Secondary Energy: Petroleum Products, Ontario, 1961-1978

	Gasoline		Light Distillates		Fuel Oil			
	Motor and Aviation Gasoline	Motor Gasoline %	Kerosene and Aviation Turbo Fuel	Kerosene %	Diesel, Light and Heavy Fuel Oils	Diesel %	Light Fuel Oil %	Liquified Petroleum Gas, Still Gas, Petro Coke[1]
	Terajoules							
Output								
1961	164,460	99.30	28,354	72.86	228,760	15.49	46.42	28,557
1962	173,901	99.56	28,956	75.06	236,700	15,57	44.38	25,802
1963	187,858	99.71	34,576	71.60	270,335	14.74	44.32	44,724
1964	215,407	99.69	34,761	69.82	280,158	15.01	44.40	49,022
1965	224,892	99.74	37,161	67.74	304,609	16.62	43.13	47,670
1966	233,919	99.79	38,348	61.24	319,495	16.82	41.40	45,569
1967	236,319	99.78	40,043	60.85	312,834	16.49	39.25	41,882
1968	252,087	99.82	38,704	62.07	333,142	17.77	40.81	44,816
1969	267,476	99.77	45,356	64.62	331,249	19.74	41.82	37,235
1970	286,104	99.86	50,539	64.19	366,857	18.65	42.48	32,711
1971	296,296	99.94	51,603	55.74	370,191	19.02	44.99	31,078
1972	317,509	99.96	49,314	57.43	346,804	20.46	43.65	28,718
1973	336,432	99.91	64,496	56.16	362,441	20.51	43.10	36,625
1974	373,587	99.82	78,208	56.43	389,130	21.09	37.74	39,125
1975	386,760	99.82	85,799	57.92	372,444	20.24	38.33	44,415
1976	377,689	99.88	88,701	59.12	390,821	18.88	40.56	55,817
1977	369,055	99.90	88,116	55.23	457,467	18.38	38.77	67,080
1978	373,258	99.90	83,476	51.82	484,225	20.98	30.87	85,807
Exports								
1961	49	100.00	46	–	1,600	23.97	14.47	675
1962	1,081	100.00	215	90.11	3,141	17.62	5.92	562
1963	1,508	100.00	208	100.0	4,309	–	6.41	1,588
1964	1,907	96.70	151	100.00	4,658	–	7.34	2,515
1965	858	100.00	44	100.00	3,161	–	3.74	1,523
1966	359	100.00	62	100.00	2,130	–	28.14	990
1967	326	100.00	168	100.00	3,731	–	77.76	8
1968	1	100.00	483	100.00	5,791	–	82.57	1
1969	658	100.00	346	100.00	9,992	–	89.10	–
1970	658	100.00	228	93.68	9,984	0.04	89.38	2
1971	919	100.00	326	100.00	8,069	0.17	68.53	460
1972	332	100.00	21	100.00	16,803	–	23.05	178
1973	1,850	100.00	5	100.00	22,811	0.80	21.83	1,134
1974	23	100.00	91	100.00	36,736	0.15	6.17	–
1975	5,589	100.00	147	100.00	56,720	–	11.05	–
1976	4,434	100.00	326	100.00	43,412	–	2.52	47
1977	969	100.00	–	–	42,610	–	7.53	279
1978	37	100.00	1,698	–	91,395	–	5.07	1,560

Table 19.2 (cont'd.)
Secondary Energy: Petroleum Products, Ontario, 1961-1978

	Gasoline		Light Distillates		Fuel Oil			
	Motor and Aviation Gasoline	Motor Gasoline %	Kerosene and Aviation Turbo Fuel	Kerosene %	Diesel, Light and Heavy Fuel Oils	Diesel %	Light Fuel Oil %	Liquified Petroleum Gas, Still Gas, Petro Coke[1]
				Terajoules				
Imports								
1961	440	51.07	121	100.00	15,884	9.04	57.42	2,195
1962	25	100.00	15	100.00	14,689	3.37	36.30	2,371
1963	15	100.00	3	100.00	15,789	0.02	37.65	2,246
1964	1,449	100.00	258	100.00	23,677	–	20.40	3,132
1965	808	100.00	629	100.00	34,527	0.57	25.18	3,340
1966	1,185	100.00	56	100.00	35,550	12.14	23.17	3,398
1967	3,133	96.63	1,908	91.13	35,918	6.72	27.70	3,556
1968	162	100.00	4,196	44.17	30,736	10.15	50.88	4,611
1969	1	–	5,602	2.67	28,057	0.01	33.47	5,196
1970	–	–	5,824	7.59	22,266	2.69	22.14	6,214
1971	2	100.00	2,014	41.64	13,684	–	42.03	1,398
1972	5	100.00	2,369	2.05	23,512	–	41.26	1,553
1973	2	100.00	7	99.93	16,617	–	13.05	2,743
1974	–	–	181	69.19	8,778	–	17.66	2,521
1975	–	–	122	4.31	2,369	0.13	26.18	2,854
1976	–	–	12	100.00	733	–	68.20	4,849
1977	–	–	2	100.00	4,747	–	69.41	3,645
1978	–	–	3	100.00	3,189	0.03	58.33	3,232
Inter-Region Transfers								
1961	53,200	98.11	12,045	78.10	86,929	4.10	74.09	7
1962	52,392	98.14	10,845	81.26	76,864	3.83	69.30	201
1963	52,329	97.92	10,530	86.06	88,142	5.92	60.59	260
1964	28,824	96.81	5,616	81.50	68,654	4.51	53.52	484
1965	30,319	97.02	6,742	90.85	75,379	8.61	49.21	366
1966	35,749	97.47	9,469	79.33	80,021	9.66	49.32	339
1967	39,118	97.76	9,438	69.37	84,706	15.37	50.92	407
1968	40,651	97.64	13,325	64.44	109,749	11.80	46.40	962
1969	41,003	97.60	10,188	71.77	108,503	9.72	49.80	1,182
1970	44,952	97.76	11,157	70.66	137,434	9.53	40.28	754
1971	49,148	97.82	10,031	65.88	139,787	8.42	38.99	−449
1972	53,524	97.34	13,156	56.46	138,572	7.55	35.31	−776
1973	48,714	97.19	12,527	55.52	134,695	7.53	30.24	−1,100
1974	45,669	97.78	10,798	49.38	100,288	8.17	31.96	−325
1975	61,246	98.35	11,616	60.35	101,990	10.10	34.98	−101
1976	49,910	97.14	10,238	60.47	113,052	8.77	24.38	162
1977	54,321	97.70	8,988	60.01	125,534	10.92	28.58	−39
1978	46,518	97.04	6,206	67.27	89,293	13.50	23.89	−426

1) In Ontario, since 1963 still gas has been used exclusively in the refining process and petroleum coke has been used almost entirely in "non-energy" applications.

Source: SC, Detailed Energy Supply and Demand, (57-207 and 57,003).

Table 19.3
Secondary Energy: Supply of Coal Products, Ontario, 1961-1978

	Coke					Coke oven Gas
	Output		Export	Import	Inter-region Transfer	Output
		Blast Furnace Gas				
	Terajoules	%	Terajoules			
1961	82,084	0.38	1,210	6,592	1,313	23,738
1962	84,948	0.44	1,078	5,327	2,560	24,791
1963	89,345	0.23	1,155	5,316	2,550	26,004
1964	91,424	1.04	223	7,341	3,141	27,960
1965	92,252	0.91	1	13,047	4,906	26,944
1966	92,532	0.96	1	13,357	4,113	26,521
1967	95,561	1.19	36	8,534	3,017	27,882
1968	114,272	1.12	1,078	4,407	4,132	36,248
1969	102,413	1.02	3,568	5,113	5,705	32,131
1970	121,174	0.92	3,211	6,683	4,949	38,212
1971	112,158	1.18	3,657	7,295	516	36,672
1972	117,835	1.07	2,612	5,987	1,973	38,266
1973	132,899	0.85	185	4,461	537	44,701
1974	132,818	1.05	326	6,155	4,616	43,755
1975	130,645	0.85	1,127	11,406	4,240	43,099
1976	136,985	0.77	603	4,375	439	45,565
1977	128,138	0.15	293	5,933	−638	41,517
1978	130,601	0.00	192	5,961	–	43,112

Source: SC, Detailed Energy Supply and Demand, (57-207 and 57,003)

Table 19.4
Secondary Energy: Generation of Secondary Electricity, Ontario, 1961-1978

	Energy Generated from Different Fuels				
	Coal	Fuel Oils Incl. Diesel Oil	Natural Gas	Other	Total Secondary Electricity Generated
			Terajoules		
1961	3,629	41	309	398	4,377
1962	14,906	97	451	217	15,672
1963	29,557	262	257	85	30,161
1964	32,960	276	330	249	33,815
1965	41,183	345	612	219	42,359
1966	39,582	390	915	217	41,104
1967	49,118	623	441	281	50,464
1968	59,593	1,172	869	303	61,936
1969	69,673	1,655	1,187	227	72,741
1970	80,819	2,611	1,906	314	85,650
1971	88,367	2,078	5,077	325	95,848
1972	81,553	1,454	16,220	265	99,492
1973	69,079	1,306	19,070	346	89,801
1974	72,640	1,119	24,098	403	98,259
1975	73,572	2,515	25,414	336	101,837
1976	82,871	10,786	23,273	416	117,347
1977	94,392	6,619	22,613	637	124,260
1978	97,200	7,178	15,797	770	120,956

Source: SC, Detailed Energy Supply and Demand, (57-207 and 57,003)

Table 19.3

Energy Consumption by Use Sector[1], Ontario, 1960-1978

	Energy Supply Industry[2]	Transportation: Road, Rail, Air and Marine (excl. Navy)	Transportation: Road	Transportation: Marine	Transportation: Rail	Transportation: Pipe-lines	Transportation: Air	Domestic and Farm	Commercial and Industrial[3]	Other[4]	Total
	Terajoules		%					Terajoules			
1960	60,726	263,622	80.67	.	9.45	–	3.95	308,608	513,209	2,008	1,148,173
1961	66,115	270,947	81.61	.	8.35	–	4.19	312,964	535,431	909	1,186,366
1962	69,555	278,219	83.12	. .	7.09	–	4.05	313,646	575,189	1,736	1,238,343
1963	74,347	292,629	83.54	. .	6.88	–	4.17	331,039	612,322	15,175	1,325,513
1964	81,066	312,033	82.07	. .	7.88	–	4.00	334,586	650,884	24,047	1,402,616
1965	90,059	333,269	81.02	. .	6.73	–	4.12	342,458	714,851	35,478	1,516,115
1966	102,008	353,005	80.57	. .	6.67	–	4.94	332,341	754,225	37,527	1,579,107
1967	101,267	364,718	82.39	. .	6.31	–	5.48	354,073	797,608	28,862	1,646,528
1968	106,571	387,094	82.90	. .	5.95	–	5.70	366,395	857,871	17,550	1,735,482
1969	103,293	401,625	83.01	. .	5.71	–	6.09	389,227	855,875	11,757	1,761,775
1970	113,356	426,654	82.72	. .	5.32	–	6.49	397,012	944,100	35,309	1,916,431
1971	120,428	446,169	83.63	. .	5.39	–	6.31	386,708	956,272	25,307	1,934,882
1972	120,508	469,624	84.65	. .	4.84	–	6.29	418,813	1,035,183	16,262	2,060,390
1973	118,949	517,183	83.33	. .	4.80	–	6.67	403,518	1,052,117	38,196	2,129,963
1974	117,819	541,794	82.40	. .	5.12	–	7.55	447,213	1,097,696	29,096	2,233,618
1975	116,511	547,611	83.04	. .	4.76	–	7.72	425,768	1,042,552	33,345	2,165,787
1976	126,110	577,099	84.42	.	4.25	–	7.31	440,902	1,120,816	51,784	2,316,711
1977	136,364	591,952	84.29	. .	4.25	–	7.10	414,544	1,136,103	43,147	2,322,110
1978[5]	163,493	582,225[6]	83.98[7]	5.23	4.25	0.20	6.34	483,790	1,072,100[8]	207,470	2,509,078

1) The figures in this table comprise the total usage after stock changes, product substitution and secondary energy supply losses and adjustments have been allowed for.
2) Includes: refinery and colliery consumption, electricity transmission losses and natural gas plant own-usage.
3) The terms "commercial" and "industrial" as used in this table are based largely on tariffs and cannot therefore be related to standard industry codes.
4) Includes "non-energy" use and "losses and adjustments".
5) 1978 data represents the beginning of a new series based on SC's Cat. No. 57-003. The new system is derived from SC's quarterly surveys structured towards obtaining data from the energy supply companies in a standardized format rather than previously conducted surveys structured to accommodate the accounting systems employed by reporting companies.
6) Includes Road and Urban Transit and Pipelines.
7) Includes Urban Transit.
8) Includes Public Administration (incl. Street Lighting) and Other Commercial/Institutional.

Source: SC, Detailed Energy Supply and Demand (57-207 and 57,003)

Table 19.6
Energy Consumption by Commodity Group, Ontario, 1962-1978

	Coal and Coal Products	Petroleum Products				Natural Gas	Electricity
		Gasolines	Fuel Oils and Diesel	Light Distillates	Other[1]		
	Terajoules						
1962	277,360	230,305	348,460	35,041	28,800	173,938	144,441
1963	286,506	243,346	379,685	35,009	31,763	197,794	151,410
1964	296,004	254,13-	392,183	33,608	35,694	227,140	163,853
1965	300,940	266,896	435,923	35,332	43,429	256,281	177,313
1966	299,753	280,432	440,786	38,964	40,668	284,823	193,681
1967	275,120	293,587	467,903	40,398	40,817	324,204	204,511
1968	273,174	311,988	490,040	41,098	44,936	354,226	220,020
1969	236,693	322,054	482,535	44,295	42,491	400,685	233,024
1970	244,723	336,980	533,152	48,417	43,011	460,104	250,043
1971	192,250	356,623	528,153	48,300	39,495	507,539	262,520
1972	194,974	383,511	536,506	48,203	45,010	567,596	284,589
1973	216,951	411,052	515,499	51,507	49,732	581,944	303,279
1974	202,135	421,408	538,923	55,265	60,117	636,228	319,541
1975	194,302	431,658	478,836	55,307	66,979	617,741	320,964
1976	193,930	445,861	502,302	55,162	83,974	689,530	345,953
1977	186,142	450,453	519,911	52,928	95,458	662,459	354,759
1978	188,272	453,393	507,547	52,896	254,969	686,634	365,368

1) Includes all commodities consumed for energy purposes in Ontario, petroleum coke is also included.

Source: SC, Detailed Energy Supply and Demand, (57-207 and 57,003)

Table 19.7
Efficiency of Energy Commodity Conversion, Ontario, 1962-1978

	Electricity Production				Coke Production	Petroleum Products Production		
						Energy Products		Non-Energy Products
	Coal	Fuel Oils and Diesel	Natural Gas	All Input Fuels[1]	Coal to Coke etc.	Net[3]	Gross	Factor
	% output/input							
1962	31.29	12.47	30.94	90.98	80.17	89.18	10.23	
1963	34.17	20.44	23.69	33.86	91.75	83.05	91.79	6.0
1964	33.70	21.13	22.36	33.29	92.21	83.02	91.32	5.9
1965	33.71	22.01	24.05	33.31	91.65	82.77	91.01	6.9
1966	32.89	20.78	25.03	32.41	92.97	82.74	90.85	6.8
1967	32.86	20.09	24.21	32.41	94.02	82.26	90.47	7.4
1968	32.30	21.76	24.57	31.79	91.19	82.42	89.25	6.3
1969	34.07	17.53	20.84	32.96	91.06	82.06	89.09	3.4
1970	34.81	20.92	20.36	33.52	88.87	81.87	7.82	
1971	35.28	23.12	25.55	34.12	87.79	82.76	89.97	8.4
1972	35.97	21.06	27.03	33.74	89.69	80.89	87.85	11.0
1973	34.51	19.32	27.16	32.22	89.78	79.99	87.08	9.0
1974	35.78	19.29	27.82	33.06	92.08	79.95	86.59	7.6
1975	35.66	27.95	28.36	33.23	90.42	81.83	88.35	7.3
1976	35.95	31.95	35.50	35.46	90.87	82.95	90.06	8.2
1977	35.50	31.87	33.81	35.12	91.34	79.78	87.43	11.7
1978	35.58	33.76	44.58	36.65	91.47	88.96	98.47	15.2

1) These include coal fuel oils, diesel, natural gas, wood, blast furnace gas, coke, LPG, still gas, motor gas, aviation gas, aviation turbo fuel and electricity.
2) Includes quantity of non-energy products as a per cent of crude oil input (barrels).
3) "Net" refers to a certain proportion of secondary products which are fed back into refining, these are deducted from output.

Source: SC, Detailed Energy Supply and Demand, (57-207).

Energy Consumption in Manufacturing by Industry Group and Commodity, Ontario, 1974-1978

1974	No. of Establishments	Coal	Gasoline	Fuel Oil[1]	Natural Gas	Electricity	LPG[2]	Other Fuels[3]	Total
				BTU × 10^9					
Non-Durables									
Food and Beverage Industry	1,622	67	3,531	8,810	21,572	5,125	471	447	40,023
Tobacco Products Industries	9	25	39	240	204	222	6	5	741
Rubber and Plastics Products Industries	408	12	133	3,281	4,669	2,631	32	793	11,551
Leather Industries	169	-	17	467	760	212	3	-	1,459
Textile Industries	381	-	107	4,281	5,692	2,702	32	308	13,122
Knitting Mills	89	-	10	338	697	194	-	86	1,325
Clothing Industries	447	-	29	152	240	157	-	22	600
Paper and Allied Industries	294	12,502	246	15,057	47,719	16,695	173	715	93,107
Printing, Publishing and Allied Industries	1,666	-	309	438	1,172	877	6	106	2,908
Petroleum and Coal Products Industries	32	-	19	488	4,296	3,392	1	113	8,309
Chemical and Chemical Products Industries	551	252	428	32,705	53,804	11,860	152	17,469	116,670
Miscellaneous Manufacturing Industries	1,074	7	244	1,165	2,038	993	26	25	4,498
Total Non-Durables	6,742	12,865	5,112	67,422	142,863	45,060	902	20,089	294,313
Durables									
Wood Industries	740	34	828	1,912	1,448	887	90	56	5,255
Furniture and Fixture Industries	894	17	145	517	1,309	471	22	12	2,493
Primary Metal Industries	207	2,998	318	24,521	58,630	22,209	140	4,512	113,328
Metal Fabricating Industries	2,114	12	866	2,116	12,971	3,316	299	202	19,782
Machinery Industries	605	34	226	1,074	5,144	1,812	109	27	8,426
Transportation Equipment Industries	396	2,003	1,128	5,063	14,362	6,991	215	632	30,394
Electrical Products Industries	475	1	184	2,031	5,668	2,910	55	30	10,879
Non-Metallic Mineral Products Industries	488	5,658	860	12,503	36,401	7,213	105	487	63,227
Total Durables	5,919	10,757	4,555	49,737	135,933	45,809	1,035	5,958	253,784
Total Non-Durables and Durables	12,661	23,622	9,667	117,159	278,796	90,869	1,937	26,047	548,097

Table 19.8 (cont'd.)
Energy Consumption in Manufacturing by Industry Group and Commodity, Ontario, 1974-1978

1975	No. of Establishments	Coal	Gasoline	Fuel Oil[1]	Natural Gas	Electricity	LPG[2]	Other Fuels[3]	Total
					BTU × 10^9				
Non-Durables									
Food and Beverage Industry	1,550	53	3,139	7,840	23,837	5,089	179	518	40,655
Tobacco Products Industries	10	-	44	261	214	225	7	6	758
Rubber and Plastics Products Industries	401	-	102	2,214	6,155	2,453	35	603	11,562
Leather Industries	161	-	15	432	982	233	10	-	1,672
Textile Industries	385	-	134	3,343	5,776	2,877	32	268	12,430
Knitting Mills	84	-	9	298	606	158	2	64	1,137
Clothing Industries	435	-	33	155	246	172	-	24	630
Paper and Allied Industries	302	5,575	220	9,388	34,653	11,927	110	701	62,574
Printing, Publishing and Allied Industries	1,588	1	310	325	1,250	796	4	112	2,798
Petroleum and Coal Products Industries	31	-	29	329	5,567	3,510	1	535	9,971
Chemical and Chemical Products Industries	538	12	420	25,691	54,697	11,436	190	15,490	107,936
Miscellaneous Manufacturing Industries	1,004	-	238	934	2,346	1,185	20	32	4,755
Total Non-Durables	6,489	5,641	4,693	51,210	136,329	40,061	590	18,353	256,878
Durables									
Wood Industries	726	14	544	1,320	1,690	929	70	114	4,681
Furniture and Fixture Industries	785	6	100	513	1,262	419	16	9	2,325
Primary Metal Industries	201	1,806	337	20,125	56,169	19,932	146	3,590	102,105
Metal Fabricating Industries	2,070	2	734	1,946	12,900	3,209	229	201	19,221
Machinery Industries	606	8	283	876	5,306	1,751	85	14	8,323
Transportation Equipment Industries	392	1,257	1,072	5,818	13,542	6,798	201	669	29,357
Electrical Products Industries	487	10	126	1,592	5,614	2,691	75	117	10,225
Non-Metallic Mineral Products Industries	489	4,486	582	10,119	34,216	6,192	102	429	56,126
Total Durables	5,756	7,589	3,778	42,309	130,699	41,921	924	5,143	232,363
Total Durables and Non-Durables	12,245	13,230	8,471	93,519	267,028	81,982	1,514	23,496	489,241

Table 19.8 (cont'd.)

Energy Consumption in Manufacturing by Industry Group and Commodity, Ontario, 1974-1978

1976	No. of Establishments	Coal	Gasoline	Fuel Oil[1]	Natural Gas	Electricity	LPG[2]	Other Fuels[3]	Total
				BTU × 10^9					
Non-Durables									
Food and Beverage Industry	1,473	45	3,072	6,847	24,255	4,977	171	703	40,071
Tobacco Products Industries	9	–	45	200	281	203	12	4	746
Rubber and Plastics Products Industries	407	–	130	1,975	6,244	2,766	44	585	11,744
Leather Industries	153	–	16	415	1,123	255	5	–	1,814
Textile Industries	367	–	132	4,487	5,712	2,592	37	355	13,315
Knitting Mills	79	–	7	282	735	177	–	59	1,260
Clothing Industries	414	–	40	165	257	180	1	15	657
Paper and Allied Industries	301	3,412	274	9,564	47,472	14,796	118	606	76,242
Printing, Publishing and Allied Industries	1,486	1	323	286	1,343	968	2	129	3,052
Petroleum and Coal Products Industries	30	–	31	354	3,545	3,618	1	862	8,413
Chemical and Chemical Products Industries	524	–	383	32,551	63,839	12,469	126	16,821	126,190
Miscellaneous Manufacturing Industries	960	–	235	991	2,310	1,000	18	94	4,648
Total Non-Durables	6,203	3,458	4,688	58,117	157,116	44,001	535	20,233	288,152
Durables									
Wood Industries	733	95	651	1,202	1,189	633	28	46	3,844
Furniture and Fixture Industries	872	168	124	544	956	362	12	14	2,180
Primary Metal Industries	204	18,270	288	23,036	45,499	18,612	127	763	106,595
Metal Fabricating Industries	2,157	268	755	2,427	9,617	2,740	123	147	16,077
Machinery Industries	534	353	191	1,433	3,795	1,504	48	27	7,351
Transportation Equipment Industries	389	4,865	750	5,588	10,409	6,024	120	890	28,646
Electrical Products Industries	471	124	220	2,693	4,123	2,622	31	35	9,848
Non-Metallic Mineral Products Industries	537	4,921	1,032	12,879	27,817	5,810	97	460	53,016
Total Durables	5,897	29,064	4,011	49,802	103,405	38,307	586	2,382	227,557
Total Non-Durables and Durables	12,741	40,758	9,677	108,802	202,906	80,663	1,811	11,446	456,063

Table 19.8 (cont'd.)
Energy Consumption in Manufacturing by Industry Group and Commodity, Ontario, 1974-1978

1977	No. of Establishments	Coal	Gasoline	Fuel Oil[1]	Natural Gas	Electricity	LPG[2]	Other Fuels[3]	Total
					BTU × 10^9				
Non-Durables									
Food and Beverage Industry	1368	32	2,899	6,662	24,581	5,355	152	496	40,178
Tobacco Products Industries	9	–	48	177	282	218	10	4	740
Rubber and Plastics Products Industries	400	2	115	2,230	6,005	3,015	54	542	11,962
Leather Industries	150	–	19	341	797	260	6	–	1,423
Textile Industries	345	–	126	3,148	7,246	2,744	28	331	13,624
Knitting Mills	74	–	8	240	453	174	–	37	912
Clothing Industries	383	–	40	145	249	201	–	1	637
Paper and Allied Industries	287	5,260	269	10,509	50,326	17,480	137	1,156	85,138
Printing, Publishing and Allied Industries	1,468	–	376	285	1,245	1,007	3	115	3,031
Petroleum and Coal Products Industries	36	–	28	572	6,397	3,784	1	639	11,421
Chemical and Chemical Products Industries	520	59	424	27,109	51,829	11,959	6,257	15,622	113,260
Miscellaneous Manufacturing Industries	913	–	251	973	2,185	1,013	17	66	4,505
Total Non-Durables	5,953	5,352	4,604	52,391	151,597	47,210	6,666	19,010	286,830
Durables									
Wood Industries	645	1	576	1,319	3,065	1,385	97	219	6,662
Furniture and Fixture Industries	682	7	123	353	1,434	517	17	9	2,460
Primary Metal Industries	203	1,294	289	30,087	56,487	20,296	211	3,223	111,886
Metal Fabricating Industries	2,026	–	757	1,583	12,673	3,628	216	150	19,007
Machinery Industries	606	17	321	930	5,261	1,917	92	22	8,560
Transportation Equipment Industries	373	1,359	1,051	6,143	14,257	7,818	232	983	31,843
Electrical Products Industries	476	3	134	1,037	5,747	2,846	51	53	9,871
Non-Metallic Mineral Products Industries	450	9,241	482	11,757	26,315	7,108	135	529	55,567
Total Durables	5,461	11,923	3,733	53,210	125,239	45,514	1,050	5,188	245,857
Total Durables and Non-Durables	11,414	17,275	8,336	105,600	276,836	92,725	7,716	24,198	532,688

1978	No. of Establish-ments	Coal	Gasoline	Fuel Oil[1]	Natural Gas	Electricity	LPG[2]	Other Fuels[3]	Total
					BTU × 10^9				
Non-Durables									
Food and Beverage Industry	1,467	33	2,793	6,670	23,975	5,369	156	550	39,546
Tobacco Products Industries	10	–	47	184	281	208	12	1	733
Rubber and Plastics Products Industries	495	–	357	2,227	5,459	3,129	51	479	11,702
Leather Industries	163	–	21	444	769	275	4	–	1,513
Textile Industries	385	–	83	3,426	7,250	2,897	39	203	13,898
Knitting Mills	83	–	6	268	727	191	–	3	1,195
Clothing Industries	431	3	36	135	307	222	–	25	728
Paper and Allied Industries	319	5,115	304	12,825	50,088	18,466	151	2,311	89,260
Printing, Publishing and Allied Industries	1,661	–	408	247	1,340	1,032	6	128	3,161
Petroleum and Coal Products Industries	37	–	33	385	9,995	4,572	984	997	16,966
Chemical and Chemical Products Industries	593	43	421	15,480	53,973	13,436	167	29,845	113,365
Miscellaneous Manufacturing Industries	1,069	-	285	1,050	2,143	1,042	24	51	4,595
Total Non-Durables	6,713	5,194	4,794	43,341	156,307	50,839	1,594	34,593	296,662
Durables									
Wood Industries	707	7	605	1,457	3,517	1,523	110	272	7,491
Furniture and Fixture Industries	802	4	126	330	1,308	510	14	12	2,304
Primary Metal Industries	208	939	336	29,998	57,270	23,599	216	2,714	115,072
Metal Fabricating Industries	2,353	23	724	1,798	12,838	3,692	231	143	19,449
Machinery Industries	713	1	361	1,000	5,136	1,919	78	14	8,509
Transportation Equipment Industries	442	1,555	957	6,269	14,817	8,290	234	1,084	33,206
Electrical Products Industries	567	–	153	939	6,245	2,796	44	28	10,205
Non-Metallic Mineral Products Industries	574	10,513	506	11,739	26,452	8,073	137	651	58,071
Total Durables	6,366	13,042	3,768	53,530	127,583	50,402	1,064	4,918	254,307
Total Durables and Non-Durables	13,079	18,236	8,562	96,871	283,890	101,241	2,658	39,511	550,969

1) Fuel oil including diesel fuel, kerosene and bunker "C".
2) LPG = liquefied petroleum gas (Propane etc.).
3) Estimated

Source: SC and Ministry of Treasury and Economics, Central Statistical Services.

Table 19.9
Energy Sales, Ontario Hydro, 1972-1980

	1972	1973	1974	1975	1976	1977	1978	1979	1980
Disposal of Energy									
Primary Energy Sales (Million kWh)									
Municipalities	45,950	49,340	51,852	54,523	57,635	58,348[r]	61,285	63,347[p]	64,898[p]
Retail	9,069	9,880	10,736	11,049	12,436	13,021[r]	12,927	13,011	12,926[p]
Direct	13,539	14,075	14,829	12,594	14,071	15,187[r]	14,775	15,757	16,432[p]
Total	68,558	73,295	77,417	78,166	84,142	86,556[r]	88,987	92,115	94,256[p]
Secondary Energy Sales and Transfers (Million kWh)	6,478	7,745	8,078	4,918	6,625[r]	10,540[r]	11,549	12,503	10,727
Losses and Unaccounted for[1]	4,958	4,868	5,278	6,056	6,711[r]	6,298[r]	6,386	6,022	5,911[p]
Average Revenue per kWh (¢)									
Residential	1.53	1.63	1.74	1.94	2.23	2.80	2.98	3.22	3.64[p]
Farm	1.78	1.87	2.06	2.24	2.46	3.02[r]	3.21	3.42	3.74[p]
General	1.04	1.13	1.21	1.39	1.63	2.08[r]	2.17	2.35	2.55[p]
Miles of Line (Circuit Miles)									
Transmission	22,325	22,920	23,282	23,741	24,211[1]	24,684	24,919	24,535	24,953
Retail Distribution	53,322	54,116	54,740	55,567	56,150	56,671	56,283	56,021	55,641
Revenues ($ Million)									
Primary Power and Energy	665	794	896	1,028	1,320	1,637[r,2]	1,849[2]	2,222	2,458
Municipal Utilities	419	506	551	654	838	1,108	1,275	1,442	1,608
Retail Customers	151	178	219	248	312	407	442	475	514
Direct Customers	94	110	126	126	170	244	262	305	342
Secondary Power and Energy	37	62	102	43	90	210	289	347	361

1) The allocation of total transmission losses to primary and secondary loads is estimated.
2) Primary Power and Energy reduced by excess revenues of $122 million in 1977 and $130 million in 1978.

Source: Ontario Hydro.

Table 19.10
Percentage of Energy Supply by Source, Ontario Hydro, 1950-1980

	Hydro	Coal	Natural Gas	Oil	Nuclear	Receipts	Total Kilowatt Hours
							Million
1950	67.15	0.63	-	0.02	-	32.20	18,259
1951	74.01	0.55	-	-	-	25.44	18,811
1952	74.38	2.07	-	-	-	23.55	19,975
1953	69.35	8.41	-	-	-	22.24	20,913
1954	76.48	4.27	-	-	-	19.25	22,387
1955	83.10	1.50	-	0.01	-	15.39	26,555
1956	81.99	3.16	-	0.01	-	14.84	29,524
1957	79.58	4.69	-	0.01	-	15.72	31,101
1958	79.61	1.91	-	0.01	-	18.47	31,450
1959	82.50	0.95	-	0.01	-	16.54	35,465
1960	83.65	0.44	-	0.01	-	15.90	37,709
1961	80.04	1.34	-	0.01	-	18.61	38,212
1962	69.98	9.16	-	0.01	0.05	20.80	39,884
1963	63.45	18.45	-	0.01	0.21	17.88	41,471
1964	61.12	18.99	-	-	0.32	19.57	44,399
1965	62.16	22.39	-	0.01	0.25	15.19	47,528
1966	65.04	19.74	-	0.02	0.31	14.89	51,753
1967	62.61	23.61	-	0.04	0.14	13.60	54,615
1968	59.76	26.72	-	0.15	0.15	13.22	58,694
1969	58.71	29.87	-	0.22	0.13	11.07	62,449
1970	52.46	32.51	-	0.42	0.18	14.43	68,074
1971	48.25	33.87	1.10	0.16	4.03	12.59	72,221
1972	47.02	28.17	4.21	0.07	7.24	13.29	79,994
1973	42.92	22.18	4.24	0.05	15.81	14.80	85,909
1974	41.59	22.14	5.41	0.02	14.91	15.93	90,774
1975	39.41	22.84	5.99	0.63	12.68	18.45	89,140
1976	36.10	23.63	4.60	2.95	16.46	16.26	97,478
1977	32.44	25.44	3.92	1.51	23.68	13.00	103,394
1978	33.51	25.32	1.95	1.63	27.09	10.50	106,922
1979	35.05	25.80	1.34	0.89	29.21	7.78	110,640
1980	32.86	27.72	.36	–	31.88	7.18	111,604

Source: Ontario Hydro.

Table 19.11
Primary Energy Made Available, Ontario Hydro, 1951-1980

	Annual Quantity		Annual Quantity		Annual Quantity
			Billions of kilowatt-hours		
1951	17.64	1961	33.86	1971	68.13
1952	18.77	1962	35.78	1972	73.49
1953	19.95	1963	37.64	1973	78.16
1954	20.79	1964	40.63	1974	82.70
1955	23.26	1965	43.58	1975	84.22
1956	25.54	1966	48.06	1976	90.85
1957	27.40	1967	51.36	1977	92.86
1958	28.38	1968	55.79	1978	95.37
1959	31.55	1969	59.43	1979	98.13
1960	32.72	1970	64.29	1980	100.18

Source: Ontario Hydro.

Table 19.12
Generation of Energy, Canada and Ontario, 1975-1980

	1975	1976	1977	1978	1979	1980
			Thousands of kilowatt-hours[1]			
Canada						
Electric Utilities and Industrial Establishments						
Hydro	202,396,449	212,791,615	220,267,530	234,190,234	243,194,500	250,997,718
Thermal	70,995,922	81,251,815	96,928,382	102,147,251	109,860,545	115,679,353
Total energy generated	273,392,371	294,043,430	317,195,912	336,337,485	353,055,045	366,677,071
Electric Utilities						
Publicly and privately-operated						
Hydro	172,920,099	188,803,729	190,014,595	202,559,953	215,452,268	220,346,815
Thermal	65,428,027	74,935,277	90,255,157	94,912,909	101,745,747	108,060,114
Total energy generated	238,348,126	263,739,006	280,269,752	297,472,862	317,198,015	328,406,929
Publicly-operated						
Hydro	132,153,347	..[4]	..[4]	..[4]	..[4]	..[4]
Thermal	55,389,845	..[4]	..[4]	..[4]	..[4]	..[4]
Total energy generated	187,543,192	..[4]	..[4]	..[4]	..[4]	..[4]
Privately-operated						
Hydro	40,766,752	..[4]	..[4]	..[4]	..[4]	..[4]
Thermal	10,038,182	..[4]	..[4]	..[4]	..[4]	..[4]
Total energy generated	50,804,934	..[4]	..[4]	..[4]	..[4]	..[4]
Industrial Establishments						
Hydro	29,476,350	23,987,886	30,252,935	31,360,281	27,742,232	30,650,903
Thermal	5,567,895	6,316,538	6,673,225	7,234,342	8,114,798	7,619,239
Total energy generated	35,044,245	30,304,424	36,926,160	38,864,623	35,857,030	38,270,142

Table 19.12 (cont'd.)
Generation of Energy, Canada and Ontario, 1975-1980

	1975	1976	1977	1978	1979	1980
Ontario						
Electric Utilities and Industrial Establishments						
Hydro	38,399,565	38,376,851	36,519,370	39,215,160	42,308,144	40,191,847
Thermal	40,158,765[2]	49,041,531[3]	59,361,120[5]	63,018,077[6]	66,925,551[7]	69,933,327[8]
Total energy generated	78,558,330	87,418,382	95,880,850	102,233,237	109,233,695	110,125,174
Electric Utilities						
Publicly and privately-operated						
Hydro	36,840,237	36,775,892	34,832,072	37,372,408	40,411,091	38,388,238
Thermal	38,154,558[2]	46,817,193[3]	56,759,551[5]	60,327,274[6]	64,198,479[7]	67,209,454[8]
Total energy generated		83,593,085	91,591,623	97,699,682	104,609,570	105,597,692
Publicly-operated						
Hydro	35,327,712	. .[4]	. .[4]	. .[4]	. .[4]	. .[4]
Thermal	38,137,972	. .[4]	. .[4]	. .[4]	. .[4]	. .[4]
Total energy generated	73,456,684	. .[4]	. .[4]	. .[4]	. .[4]	. .[4]
Privately-operated						
Hydro	1,512,525	. .[4]	. .[4]	. .[4]	. .[4]	. .[4]
Thermal	16,586	. .[4]	. .[4]	. .[4]	. .[4]	. .[4]
Total energy generated	1,529,111	. .[4]	. .[4]	. .[4]	. .[4]	. .[4]
Industrial Establishment						
Hydro	1,559,328	1,600,959	1,687,658	1,842,752	1,897,053	1,803,609
Thermal	2,004,207	2,224,338	2,601,569	2,690,803	2,727,072	2,723,873
Total energy generated	3,563,535	3,825,297	4,289,227	4,533,555	4,624,125	4,527,482

1) Kilowatt-hours generated after deducting station service.
2) Includes 11,857,747 thousand kilowatt-hours of nuclear generation.
3) Includes 16,430,255 thousand kilowatt-hours of nuclear generation.
4) Breakdown discontinued.
5) Includes 24,828,480 thousand kilowatt-hours of nuclear generation.
6) Includes 29,434,558 thousand kilowatt-hours of nuclear generation.
7) Includes 33,272,359 thousand kilowatt-hours of nuclear generation.
8) Includes 35,879,600 thousand kilowatt-hours of nuclear generation.

Source: SC, *Electric Power Statistics, Volume II.*

Table 19.13
Electric Energy Distributed to Residential and General Services by Ontario Hydro[1], by Selected Urban Area[2], Ontario, 1976-1980

	Electric Energy Distributed to:									
	Residential Services					General Services[3]				
	1980 Total	Per Cent Change				1980 Total	Per Cent Change			
		80/79	79/78	78/77	77/76		80/79	79/78	78/77	77/76
	Million kWh					Million kWh				
Ontario[5]	24,270	1.5	2.4[r]	3.2	2.8	64,353	1.7	4.2	2.1	3.7
Toronto (metro)	4,762	0.2	1.0	.1	0.3	14,456	1.4	3.8	2.1	1.3
Hamilton[4]	751	0.7	2.6	.8	–.7	4,914	–1.4	7.8	3.6	1.2
Ottawa	895	3.0	–2.6	3.8	–3.1	2,384	2.2	–1.4	.7	–2.9
London	646	1.0	3.1	3.9	2.1	1,217	1.3	3.0	1.9	0.4
Windsor	495	2.3	1.9	1.9	3.8	1,302	–2.0	–2.0	.7	4.6
Kitchener-Wilmot	397	1.6	4.6	18.0[6]	2.3	902	–2.4	4.3	12.3[6]	1.8
St. Catharines	295	5.2	0.4	–1.1	5.2	935	–5.8	0.6	1.9	3.6
Thunder Bay	339	–4.0	3.5	3.3	1.2	653	2.8	6.0	5.5	2.0
Oshawa	373	1.7	6.1	4.2	7.4	769	–2.0	1.7	2.4	5.6
Niagara Falls	174	19.1	1.4	–	5.1	313	16.9	3.5	3.2	9.6
Brantford	192	–1.1	1.6	4.9	4.0	404	–3.1	5.3	.8	2.3
Guelph	254	10.6	6.5	2.4	–.5	491	–4.3	7.6	1.7	0.2
Kingston	163	1.4	1.9	1.9	–.6	348	1.0	2.0	5.1	1.5
Peterborough	214	1.9	–	5.0	2.6	367	3.6	1.7	2.7	–0.6
Sarnia[4]	127	–4.6	–9.5	–1.3	1.4	529	1.7	2.8	11.7	17.1
North Bay	181	0.8	0.6	5.3	–3.4	255	2.7	1.2	2.9	3.0
Welland	95	10.0	3.6[6]	5.0	3.9	234	3.3	6.1[6]	6.5	–7.0
Brampton	358	3.9	8.5	154.4[6]	5.0	798	4.3	11.0	157.1[6]	2.7

1) Electrical energy distributed by Ontario Hydro and The Associated Municipal Utilities only.
2) Urban areas represent incorporated municipalities.
3) General Services includes Commercial, Industrial and Large Industrial customers (over 5,000 kW).
4) Utilities on Commercial and Industrial Rate.
5) Including urban areas not listed here.
6) Restructured.

Source: Ontario Hydro

Table 19.14

Number of Ultimate Customers[1] Served Directly or Indirectly by Ontario Hydro, 1961-1980

	Retail Customers of the Municipal Utilities	Power District		Total
		In Rural Areas (Including Utilities)	Direct Customers (Including Utilities)	
1961	1,423,427	515,257	213	1,938,897
1962	1,460,553	530,526	210	1,991,289
1963	1,497,857	543,675	200	2,041,732
1964	1,552,238	543,345	171	2,095,754
1965	1,595,343	546,771	167	2,142,281
1966	1,630,255	557,338	173	2,187,766
1967	1,673,104	572,422	189	2,245,715
1968	1,709,111	582,718	186	2,292,015
1969	1,738,512	605,112	183	2,343,807
1970	1,766,086	622,379	96	2,388,561
1971	1,789,599	644,747	100	2,434,446
1972	1,821,795	658,565	102	2,480,462
1973	1,841,958	694,852	98	2,536,908
1974	1,872,461	720,273	99	2,592,833
1975	1,899,392	747,609	107	2,647,108
1976	1,941,100	768,956	109	2,710,165
1977	1,979,494	795,162	113	2,774,769
1978	2,046,952	785,705	108	2,832,765
1979	2,106,705	770,937	111	2,877,753
1980	2,160,524	766,117	112	2,926,753

1) For the years 1961-1969, special customers below 5000 kW were included in "Direct Customers". After 1969, these customers were included in "Retail Customers of Ontario Hydro - in Rural Areas".

Source: Ontario Hydro.

Table 19.15
Electric Energy Sales and Revenue, Ultimate Customers Served Directly or Indirectly by Ontario Hydro, by Economic Region, 1963-1980

	Total All Zones		Eastern Ontario				Lake Ontario	
			Ottawa Valley		Upper St. Lawrence			
	Sales kWh	Revenue	Sales kWh	Revenue	Sales kWh	Revenue	Sales kWh	Revenue
	Millions	$'000's	Millions	$'000's	Millions	$'000's	Millions	$'000's
1963	34,930.0	345,100	2,162.5	22,776	1,209.9	10,786	1,677.2	19,074
1964	37,606.8	368,489	2,325.8	24,549	1,320.9	11,693	1,787.2	20,512
1965	40,856.3	398,815	2,500.7	26,256	1,458.2	12,677	1,853.9	21,622
1966	44,853.0	429,599	2,650.5	27,921	1,646.8	14,283	2,037.9	22,954
1967	47,606.5	463,978	2,990.8	31,754	1,656.3	14,740	2,222.2	24,840
1968	51,769.5	516,474	3,252.4	35,906	1,732.4	15,512	2,351.5	27,087
1969	55,143.4	576,253	3,587.7	40,746	1,777.4	16,733	2,631.2	30,929
1970	59,746.1	644,466	3,926.6	46,428	1,841.6	18,135	2,896.1	35,249
1971	63,283.9	714,358	4,194.4	53,978	1,915.4	19,837	3,147.7	39,510
1972	68,068.8	795,008	4,640.2	62,033	2,045.9	21,720	3,388.6	44,179
1973	72,672.9	915,411	5,052.7	68,705	2,131.8	24,788	3,632.0	50,049
1974	76,290.2	1,039,278	5,422.4	79,831	2,253.5	28,841	3,905.3	59,014
1975	76,542.5	1,187,918	5,718.1	94,792	2,469.5	38,837	3,619.6	61,478
1976	82,132.9	1,486,810	6,313.1	119,908	2,663.5	48,332	3,909.8	77,556
1977	84,897.1	1,950,584	6,329.4	150,332	2,825.9	64,869	4,052.1	102,096
1978	86,858.4	2,096,843	6,560.3	165,603	2,961.1	71,490	4,188.0	111,693
1979	90,093.8	2,351,641	6,638.8	178,998	3,095.2	81,286	4,378.6	125,755
1980	91,603.2	2,688,531	6,708.2	201,455	3,174.3	94,536	4,333.7	141,112

Table 19.15 (cont'd)

	Metropolitan Toronto Region		Niagara				Lake Erie[1]	
			Burlington		Niagara[1]			
	Sales kWh	Revenue	Sales kWh	Revenue	Sales kWh	Revenue	Sales kWh	Revenue
	Millions	$'000's	Millions	$'000's	Millions	$'000's	Millions	$'000's
1963	9,762.2	111,591	3,114.9	26,189	4,097.0[r]	26,398	1,472.8	18,414
1964	10,721.4	120,065	3,428.0	28,343	4,422.9	28,097	1,599.9	19,692
1965	11,706.0	130,088	3,763.5	32,229	4,861.0	30,190	1,744.0	21,909
1966	12,971.9	141,391	4,197.1	35,709	5,249.7	32,889	1,909.6	23,559
1967	14,096.8	152,730	4,256.9	37,975	5,133.5	34,002	2,076.8	25,588
1968	15,352.1	173,001	4,555.2	41,376	5,110.3	35,477	2,271.8	27,844
1969	16,789.4	193,551	4,658.8	44,551	5,404.5	40,472	2,474.3	31,330
1970	17,917.4	210,605	5,012.7	50,728	5,540.0	43,844	2,635.2	35,208
1971	19,507.0	237,304	5,241.2	54,459	5,413.8	46,203	2,784.8	37,538
1972	21,284.1	268,996	5,756.6	61,374	5,331.3	47,974	3,020.3	41,438
1973	22,970.0	312,728	6,217.7	72,992	5,336.4	54,949	3,324.7	47,735
1974	24,385.5	351,684	6,350.3	79,119	5,463.0	60,987	3,468.9	53,560
1975	25,803.5	411,384	6,393.2	88,000	8,448.2	128,392	...	...
1976	27,285.9	508,536	6,667.9	111,190	8,710.9	156,307	...	...
1977	27,934.1	661,853	6,782.8	145,738	9,085.4	205,777	...	...
1978	28,830.3	711,606	6,915.8	153,413	9,404.0	222,879	...	...
1979	29,665.9	797,814	7,374.7	174,661	9,793.5	250,419	...	...
1980	30,300.2	912,929	7,304.8	195,822	9,929.5	288,456	...	...

Table 19.15 (cont'd)
Electric Energy Sales and Revenue, Ultimate Customers Served Directly or Indirectly by Ontario Hydro, by Economic Region, 1963-1980

	Lake St. Clair				Upper Grand River		Georgian Bay			
	Border		Lambton				Blue Water		Highlands	
	Sales kWh	Revenue	Sales kWh	Revenue	Sales kWh	Revenue	Sales kWh	Revenue	Sales kWh	Revenue
	Millions	$'000's	Millions	$'000's	Millions	$'000's	Millions	$'000's	Millions	$'000's
1963	1,067.8	14,891	1,332.6	10,272	1,664.3	20,701	892.7	12,885	147.7	2,739
1964	1,175.7	15,900	1,194.8	9,916	1,800.9	22,036	952.0	13,616	173.3	3,023
1965	1,347.4	17,598	1,360.8	11,156	2,005.8	24,117	1,068.2	14,718	183.9	3,326
1966	1,506.0	18,984	1,738.9	12,954	2,185.6	25,737	1,170.3	15,559	201.7	3,488
1967	1,654.0	20,841	1,887.4	13,673	2,402.4	28,383	1,329.5	17,116	224.7	3,776
1968	1,855.5	23,629	2,187.0	15,629	2,627.6	31,767	1,489.1	19,392	257.1	4,230
1969	1,992.3	25,931	2,314.8	17,710	2,821.9	35,078	1,698.5	23,257	294.4	4,869
1970	2,211.2	29,142	2,616.6	20,749	3,051.5	38,937	1,882.4	26,273	337.9	5,517
1971	2,449.6	33,378	2,683.2	22,494	3,258.7	41,712	2,049.7	29,577	400.8	6,434
1972	2,677.0	37,587	2,564.4	21,172	3,543.4	47,166	2,389.9	34,594	456.6	7,410
1973	2,892.7	42,616	2,218.7	21,792	3,762.2	52,405	2,888.5	42,589	486.1	8,392
1974	2,914.6	45,504	2,124.6	23,796	3,912.7	58,897	3,257.0	51,355	537.5	9,847
1975	2,976.8	52,176	2,135.0	27,207	4,119.7	69,151	2,860.3	54,957	561.1	11,830
1976	3,228.0	62,939	2,325.6	34,492	4,400.8	85,802	3,180.4	69,125	611.2	14,243
1977	3,392.6	83,592	2,575.1	49,526	4,516.7	110,852	3,285.4	90,189	639.3	18,818
1978	3,473.6	90,260	2,689.6	53,738	4,740.4	122,279	3,417.7	99,521	649.4	20,621
1979	3,524.7	101,709	2,877.0	61,897	5,075.4	140,408	3,556.5	111,343	658.9	22,669
1980	3,524.3	116,432	2,869.0	69,852	5,009.6	156,407	3,609.6	126,633	666.4	25,537

Table 19.15 (cont'd)

	Northeastern Ontario						Northwestern Ontario	
	Clay Belt		Nickel Range		Sault		Lakehead	
	Sales kWh	Revenue	Sales kWh	Revenue	Sales kWh	Revenue	Sales kWh	Revenue
	Millions	$'000's	Millions	$'000's	Millions	$'000's	Millions	$'000's
1963	1,187.4	12,590	1,638.6	12,942	386.7	3,159	3,114.8	19,693
1964	1,216.7	13,108	1,801.2	13,825	333.9	3,063	3,352.2	21,041
1965	1,330.3	13,920	1,925.3	14,499	239.5	2,513	3,507.8	21,997
1966	1,368.2	13,838	1,950.7	14,363	259.6	2,562	3,808.5	23,408
1967	1,557.1	15,264	2,248.5	16,048	326.2	3,000	3,543.4	24,248
1968	1,778.6	16,894	2,626.3	18,254	484.2	4,062	3,838.4	26,414
1969	1,891.8	19,002	2,240.0	17,870	418.5	3,860	4,147.9	30,364
1970	2,005.2	20,708	3,042.9	24,353	593.3	4,907	4,235.5	33,683
1971	2,049.8	22,372	3,294.6	27,949	557.9	5,171	4,335.3	36,442
1972	2,435.7	26,115	3,104.3	28,308	827.0	5,121	4,604.6	39,824
1973	2,741.9	31,400	3,112.5	31,932	1,162.5	7,084	4,742.5	45,256
1974	2,960.2	37,148	3,360.7	37,300	1,140.4	10,711	4,833.5	51,684
1975	2,836.3	41,530	3,305.6	41,562	1,092.4	12,323	4,203.1	54,300
1976	3,197.5	54,078	3,570.1	53,681	1,328.8	18,302	4,739.4	72,319
1977	3,159.9	70,286	3,450.8	67,555	1,493.5	26,624	5,365.0	102,473
1978	3,257.8	75,308	2,927.9	63,696	1,419.1	26,454	5,424.3	108,283
1979	3,465.8	86,071	2,939.5	68,473	1,612.0	32,762	5,437.4	117,378
1980	3,508.1	98,085	3,580.7	91,575	1,719.3	39,296	5,365.4	130,403

1) The Niagara figures for 1975 to 1979 represent Niagara and Lake Erie.

Source: Ontario Hydro.

Table 19.16
Installed Generating Capacity, Canada and Ontario, 1974-1979[1]

	1974	1975	1976	1977	1978	1979
	Nameplate rating in '000's kilowatts					
Canada						
Electric Utilities and Industrial Establishments						
Hydro	36,779	37,282	39,488	40,810	41,898	44,009
Thermal	20,751	24,070	26,908	29,765[4]	32,609[6]	33,218
Total installed generating capacity	57,530	61,352	66,396	70,575	74,507	77,227
Electric Utilities						
Publicly and privately-operated						
Hydro	32,376	32,821	35,014	36,305	37,442	39,543
Thermal	19,284	22,537	25,229	27,903[4]	30,704[6]	31,545
Total installed generating capacity	51,660	55,358	60,243	64,238	68,146	71,088
Publicly-operated						
Hydro	24,775	25,266	28,158	28,732	35,342	37,443
Thermal	17,389	20,451	22,716	24,999[4]	27,143[6]	27,977
Total installed generating capacity	42,164	45,717	50,874	53,731	62,485	65,420
Privately-operated						
Hydro	7,601	7,555	6,856	7,572	2,100	2,100
Thermal	1,894	2,085	2,513	2,904	3,561	3,568
Total installed generating capacity	9,495	9,641	9,369	10,477	5,661	5,668
Industrial Establishments						
Hydro	4,403	4,460	4,474	4,505	4,455	4,466
Thermal	1,467	1,534	1,679	1,862	1,906	1,673
Total installed generating capacity	5,870	5,994	6,153	6,367	6,361	6,139

Table 19.16 (cont'd.)
Installed Generating Capacity, Canada and Ontario, 1974-1979[1]

	1974	1975	1976	1977	1978	1979
	Nameplate rating in '000's kilowatts					
Ontario						
Electric Utilities and Industrial Establishments						
Hydro	7,008	6,989	7,024	7,084	7.083	7,086
Thermal	11,353[2]	14,147	15,529[3]	16,827	18,633[7]	18,632[8]
Total Installed generating capacity	18,361	21,136	22,240	23,911	25,716	25,718
Electric Utilities						
Publicly and Privately-operated						
Hydro	6,754	6,690	6,726	6,785	6,784	6,787
Thermal	10,788[2]	13,586	14,909[3]	16,520[5]	18,320[7]	18,319[7]
Total installed generating capacity	17,542	20,276	21,635	23,305	25,104	25,106
Publicly-operated						
Hydro	6,423	6,387	6,423	6,482	6,481	6,484
Thermal	10,780[2]	13,581	14,903[3]	16,514[5]	18,314[7]	18,313[7]
Total installed generating capacity	17,203	19.968	21,326	22,996	24,795	24,797
Privately-operated						
Hydro	332	303	303	303	303	303
Thermal	8	6	6	6	6	6
Total installed generating capacity	340	308	309	309	309	309
Industrial Establishments						
Hydro	253	299	299	299	299	299
Thermal	564	561	620	307	313	313
Total installed generating capacity	817	860	919	606	612	612

1) Generating capacity figures are for the end of each year.
2) Includes 2,400,000 kW nuclear generating capacity.
3) Includes 3,200,000 kW nuclear generating capacity.
4) Includes 5,066,300 kW nuclear generating capacity.
5) Includes 4,800,000 kW nuclear generating capacity.
6) Includes 5,866,400 kW nuclear generating capacity.
7) Includes 5,600,000 kW nuclear generating capacity.

Source: SC, *Electric Power Statistics, Volume II.*

Table 19.17
Summary of Pipeline Movements of Crude Oil, Condensate and Pentanes Plus, Canada and Ontario, 1973-1980

	1973		1974		1975		1976	
	Canada[1]	Ontario	Canada[1]	Ontario	Canada[1]	Ontario	Canada	Ontario
	thousands of cubic metres							
Receipts								
Net receipts								
From field	98,427	–	93,059	–	78,793	–	71,483	–
From other carriers	1,303	26	1,614	25	1,439	22	1,189	19
From processing plants	14,439	736	13,282	1,276	12,504	1,626	11,918	1,483
Imports	26,892	–	24,096	42	25,593	122	22,912	591
From other	48	–	1,921	55	1,018	102	–	204
Net receipts-Total	141,109	762	133,972	1,398	119,347	1,872	107,742	2,297
Transfers								
From other provinces	182,089	31,847	172,790	33,751	146,469	30,680	144,952	35,437
Gross receipts-Total	323,198	32,609	306,762	35,149	265,816	32,552	252,694	37,734
Disposition								
Net deliveries								
To refineries	73,566	24,357	76,988	27,544	75,524	25,755	77,893	26,361
To other carriers	146	–	105	11	143	–	242	13
To bulk plants and terminals	1	–	50	43	809	122	232	185
To processing plants	435	433	850	849	1,112	1,081	434	435
For export	65,778	7,829	52,504	6,837	40,829	5,724	27,708	2,850[2]
To other	1,019	–	3,359	–	862	–	493	–
Net deliveries Total	140,945	32,619	133,856	35,284	119,279	32,682	107,002	29,844
Transfers								
To other provinces	182,089	–	172,790	–	146,469	–	144,952	7,225
Gross deliveries-Total	323,034	32,619	306,646	35,284	265,748	32,682	251,954	37,069
Pipe line fuel and use	35	–	26	–	14	–	3	–
Line losses and unaccounted for	55	1	140	–	79	–	113	–
Inventory changes	74	–11	–50	–135	–25	–130	624	665
Disposition-Total	323,198	32,609	306,762	35,149	265,816	32,552	252,694	37,734

Table 19.17 (cont'd.)
Summary of Pipeline Movements of Crude Oil, Condensate and Pentanes Plus, Canada and Ontario, 1973-1980

	1977		1978		1979[r]		1980[p]	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
	thousands of cubic metres							
Receipts								
Net receipts								
From field	73,389	–	71,194	–	80,692	–	78,220	–
From other carriers	1,410	17	1,584	15	1,523	10	1,769	14
From processing plants	9,592	1,353	10,467	878	11,669	956	9,883	871
Imports	17,094	3,358	15,483	5,197	12,773	5,026	13,247	5,168
From other	213	–	438	–	361	69	97	–
Net receipts-Total	101,698	4,728	99,166	6,090	107,018	6,062	103,216	6,053
Transfers								
From other provinces	160,546	39,497	166,382	41,823	187,273	47,842	181,125	47,347
Gross receipts-Total	262,244	44,225	265,548	47,913	294,291	53,904	284,341	53,400
Disposition								
Net deliveries								
To refineries	80,813	29,070	82,098	31,184	88,532	34,599	89,182	34,250
To other carriers	227	–	200	–	110	–	–	–
To bulk plants and terminals	66	22	390	40	408	57	8	–
To processing plants	696	696	854	854	864	864	913	913
For export	18,976	1,344[3]	15,684	184[4]	16,761	470	11,939	339[5]
To other	342	–	164	–	411	–	913	-
Net deliveries Total	101,120	31,132	99,390	32,262	107,086	35,990	102,955	35,502
Transfers								
To other provinces	160,546	13,487	166,382	15,935	187,273	17,888	181,125	17,935
Gross deliveries-Total	261,666	44,619	265,772	48,197	294,359	53,878	284,080	53,437
Pipe line fuel and use	–	–	–	–	–	–	–	–
Line losses and unaccounted for	461	–91	48	3	135	–3	64	–
Inventory changes	117	–303	–272	–287	–203	29	197	–37
Disposition-Total	262,244	44,255	265,548	47,913	294,291	53,904	284,341	53,400

1) Includes movements of Canadian oil held in bond in the United States and estimated inventory changes of interprovincial pipelines in Manitoba and United States.
2) Includes 335.2 thousands of cubic metres of United States oil re-exported to that country.
3) Includes 274.3 thousands of cubic metres of United States oil re-exported to that country.
4) Includes 134.4 thousands of cubic metres of United States oil re-exported to that country.
5) Includes nil thousands of cubic metres of United States oil re-exported to that country.

Source: SC, *Oil Pipeline Transport*.

Table 19.18
Pipeline Movements of Liquified Petroleum Gases and Petroleum Products, Canada and Ontario, 1973-1980

	1973		1974		1975		1976	
	Canada[1]	Ontario	Canada[1]	Ontario	Canada[1]	Ontario	Canada[1]	Ontario
	thousands of cubic metres							
Receipts								
Net receipts								
From processing plants	8,688	338	8,906	1,053	9,500	1,419	9,855	1,502
From refineries and bulk plants	17,464	11,140	19,790	12,750	20,649	12,327	24,907	13,510
Imports	–	–	158	158	455	455	598	598
From other carriers	940	–	804	–	1,672	–	1,623	–
From other	–	–	156	–	160	–	125	–
Net receipts-Total	27,092	11,478	29,814	13,961	32,436	14,201	37,108	15,610
Transfers								
From other provinces	14,625	5,746	15,479	5,267	18,846	5,994	24,872	7,205
Gross receipts-Total	41,717	17,224	45,293	19,228	51,282	20,195	61,980	22,815
Disposition								
Net deliveries								
To refineries	1,294	334	1,423	555	2,255	727	4,843	1,125
To other carriers	–	–	–	–	–	–	–	–
To bulk plants and terminals	21,263	16,444	22,388	17,380	23,539	17,968	25,202	19,497
For export	1,568	406	3,116	1,264[2]	2,952	1,445[3]	4,210	2,123[4]
To other	2,906	–	2,693	–	3,448	–	2,669	26
Net deliveries Total	27,031	17,184	29,620	19,199	32,194	20,140	36,924	22,771
Transfers								
To other provinces	14,625	–	15,479	–	18,846	–	24,872	–
Gross deliveries-Total	41,656	17,184	45,099	19,199	51,040	20,140	61,796	22,771
Pipe line fuel and use	2	–	–	–	–	–	5	–
Line losses and unaccounted for	–4	–4	41	–3	17	–7	63	6
Inventory changes	63	44	153	32	225	62	116	38
Disposition-Total	41,717	17,224	45,293	19,228	51,282	20,195	61,980	22,815

Table 19.18 (cont'd.)
Pipeline Movements of Liquefied Petroleum Gases and Petroleum Products, Canada and Ontario, 1973-1980

	1977		1978		1979[r]		1980[p]	
	Canada[1]	Ontario	Canada[1]	Ontario	Canada	Ontario	Canada	Ontario
	thousands of cubic metres							
Receipts								
Net receipts								
From processing plants	11,974	3,253	10,245	3,220	9,969	2,036	10,457	1,458
From refineries and bulk plants	24,325	12,575	26,121	11,976	30,991	15,633	32,657	16,239
Imports	769	769	1,138	1,138	1,408	1,368	1,323	1,323
From other carriers	1,040	–	746	–	734	–	1,274	–
From other	1,283	–	1,697	153	2,689	–	387	–
Net receipts-Total	39,391	16,598	39,947	16,487	45,791	19,037	46,098	19,020
Transfers								
From other provinces	26,132	7,847	21,316	6,529	24,752	5,551	23,439	5,586
Gross receipts-Total	65,523	24,445	61,263	23,016	70,543	24,588	69,537	24,606
Disposition								
Net deliveries								
To refineries	5,333	819	4,811	651	4,886	864	3,827	924
To other carriers	481	–	428	–	526	75	–	–
To bulk plants and terminals	26,068	20,615	25,121	19,181	26,799	20,240	23,722	19,170
For export	4,412	2,796[5]	4,932	3,078[6]	7,094	2,994[7]	6,659	4,051[8]
To other	3,257	128	4,510	25	6,142	81	11,757	288
Net deliveries Total	39,551	24,358	39,802	22,935	45,447	24,254	45,965	24,433
Transfers								
To other provinces	26,132	87	21,316	9	24,752	36	23,439	5
Gross deliveries-Total	65,683	24,445	61,118	22,944	70,199	24,290	69,404	24,438
Pipe line fuel and use	12	–	11	–	21	–	7	–
Line losses and unaccounted for	–36	48	–3	2	34	40	9	–11
Inventory changes	–136	–48	137	70	289	258	117	179
Disposition-Total	65,523	24,445	61,263	23,016	70,543	24,588	69,537	24,606

1) Includes movements and inventory changes in Manitoba and the United States.
2) Includes 193,555 cubic metres of U.S. liquefied petroleum gas re-exported to the United States.
3) Includes 411,093 cubic metres of U.S. liquefied petroleum gas re-exported to the United States.
4) Includes 670,492 cubic metres of U.S. liquefied petroleum gas re-exported to the United States.
5) Includes 691,399 cubic metres of U.S. liquefied petroleum gas re-exported to the United States.
6) Includes 1,150,868 cubic metres of U.S. liquefied petroleum gas re-exported to the United States.
7) Includes 1,163,672 cubic metres of U.S. liquefied petroleum gas re-exported to the United States.
8) Includes 1,097,392 cubic metres of U.S. liquefied petroleum gas re-exported to the United States

Source: SC, *Oil Pipeline Transport.*

Table 19.19
Receipts and Disposition of Natural Gas Utilities, Canada and Ontario, 1975-1980

	1975		1976		1977	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
	thousands of cubic metres					
Receipts						
By transport systems						
Fields	3,069,888	–	3,085,526	–	2,640,778	–
Processing Plants	56,196,627	–	57,003,008	–	59,748,230	–
By distribution systems						
Fields	6,692,792	308,405	6,371,157	138,636	7,213,373	238,209
Processing plants	3,332,175	–	3,180,337	–	3,785,449	–
Imports	289,510	287,612	114,756	113,481	822	–
Other receipts[1]	463,556	169	442,282	6,232	470,185	29,121
Total net receipts	70,044,548	596,186	70,197,066	258,349	73,858,837	267,330
Received from storage	3,174,786	2,813,662	3,763,013	3,340,759	4,045,923	3,474,098
Total supply of gas utilities	73,219,334	3,409,848	73,960,079	3,599,108	77,904,760	3,741,428
Transfers from other provinces	. . .	21,917,391	. . .	22,485,970	. . .	23,047,417
Total gross receipts	73,219,334	25,327,239	73,960,079	26,084,898	77,904,760	26,788,845
Disposition						
Sales						
Residential	8,476,227	3,434,240	8,862,250	3,850,688	8,891,515	3,731,513
Commercial	8,098,617	4,009,720	8,353,455	4,329,117	8,424,698	4,276,739
Industrial	20,951,185	10,616,254	21,619,213	10,998,567	23,230,842	10,814,719
Total sales	37,526,029	18,060,214	38,834,918	19,178,372	40,547,055	18,822,971
Exports	26,822,158	348,744	27,012,578	364,749	28,319,765	419,620
Other deliveries	604,997	254	940,371	6,714	1,431,180	36,175
Total net deliveries	64,953,184	18,409,212	66,787,867	19,549,835	70,298,000	19,278,766
Delivered to storage	4,725,876	3,537,863	4,302,546	3,004,564	4,994,284	4,222,095
Line pack fluctuation	63,001	–1,388	115,010	991	76,909	963
Gas used in system	2,510,243	531,147	2,349,880	534,433	2,672,929	607,179
Line losses and unaccounted for	967,030	406,846	404,776	560,835	–137,362	120,960
Total demand on gas utilities	73,219,334	22,883,680	73,960,079	23,650,658	77,904,760	24,229,963
Transfers to other provinces	. . .	2,443,559	. . .	2,434,240	. . .	2,558,882
Total disposition	73,219,334	25,327,239	73,960,079	26,084,898	77,904,760	26,788,845

Table 19.19 (cont'd.)
Receipts and Disposition of Natural Gas Utilities, Canada and Ontario, 1975-1980

	1978		1979[r]		1980[p]	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
	thousands of cubic metres					
Receipts						
By transport systems						
Fields	2,425,032	–	2,737,705	–	2,560,252	–
Processing Plants	57,026,811	–	61,968,996	–	55,512,633	–
By distribution systems						
Fields	6,984,964	311,199	6,012,311	291,676	6,793,023	363,093
Processing plants	3,656,483	–	4,613,635	–	4,960,459	–
Imports	1,844	–	2,161	–	3,189	–
Other receipts[1]	561,413	164,665	951,788	226,646	703,007	212,225
Total net receipts	70,656,547	475,864	76,286,596	518,322	70,532,563	575,318
Received from storage	3,995,612	3,469,517	3,964,154	3,659,065	4,834,896	4,315,297
Total supply of gas utilities	74,652,159	3,945,381	80,250,750	4,177,387	75,367,459	4,890,615
Transfers from other provinces	. . .	22,368,564	. . .	22,326,558	. . .	21,937,141
Total gross receipts	74,652,159	26,313,945	80,250,750	26,503,945	75,367,459	26,827,756
Disposition						
Sales						
Residential	9,319,943	3,914,319	9,602,586	3,958,641	9,616,146	4,033,677
Commercial	9,025,028	4,567,814	9,264,172	4,534,483	10,119,984	4,771,760
Industrial	23,400,283	10,191,367	24,628,329	10,421,808	23,519,366	9,836,031
Total sales	41,745,254	18,673,500	43,495,087	18,914,932	43,255,496	18,641,468
Exports	24,960,356	356,929	28,343,952	496,159	22,562,876	588,400
Other deliveries	1,348,396	7,046	1,601,121	1,263	2,258,135	119,403
Total net deliveries	68,054,006	19,037,475	73,440,160	19,412,354	68,076,507	19,349,271
Delivered to storage	4,549,806	3,689,593	4,659,012	3,483,553	4,441,008	3,387,292
Line pack fluctuation	48,959	1,864	103,401	63,002	16,814	−1,288
Gas used in system	2,149,126	502,115	2,439,941	503,147	2,041,866	502,829
Line losses and unaccounted for	−149,738	236,441	−391,764	−7,428	791,264	356,419
Total demand on gas utilities	74,652,159	23,467,488	80,250,750	23,454,628	75,367,459	23,594,523
Transfers to other provinces	. . .	2,846,457	. . .	3,049,317	. . .	3,233,233
Total disposition	74,652,159	26,313,945	80,250,750	26,503,945	75,367,459	26,827,756

1) Includes peak shaving and enrichment.
2) Does not include 38,340 thousand cubic feet of liquid natural gas imported by motor carrier

Source: SC, *Gas Utilities*.

Table 19.20
Share Index of Consumption of Energy[1] per Person per Sector[2] of the Economy by Province, 1978[2]

	Ontario	Quebec	Atlantic Provinces	Manitoba	Sask.	Alta.	B.C.	Yukon & N.W.T.	Canada Consumption per person
					Share Index				10^9 joules
Energy Supply Industries	0.97	0.97	0.96	1.09	1.64	0.99	0.96	0.10	20.02
Transportation:									
– Railways	0.77	0.42	0.61	2.74	1.72	3.14	0.92	0.10	3.80
– Canadian Airlines	0.85	0.71	0.73	1.45	0.55	1.82	1.62	1.59	3.95
– Foreign Airlines	0.90	1.63	1.33	0.33	--	0.47	0.52	0.10	1.12
– Marine	0.79	1.31	1.92	0.01	--	--	1.69	–	4.56
– Pipelines	0.32	0.23	0.02	2.23	3.05	6.70	0.39	–	0.44
– Road Transport & Urban Transit	0.93	0.76	0.97	0.96	1.34	1.67	1.17	0.41	11.85
– Retail Pump Sales	1.02	0.94	0.93	0.87	0.97	1.27	1.02	0.20	46.00
Agriculture	0.57	0.38	0.39	2.36	5.78	3.02	0.60	0.06	7.91
Residential	1.08	0.93	0.94	0.91	1.15	1.18	0.81	0.18	48.90
Public Admin.[4]	0.89	0.84	1.81	1.07	0.91	0.87	0.97	1.37	5.38
Other Commercial/ Institutional	0.97	0.86	0.61	1.15	0.89	2.17	0.86	0.31	31.43
Total Mining	0.54	0.60	1.26	0.61	4.05	2.62	0.94	0.90	8.21
Total Manufacturing	1.24	0.92	0.75	0.50	0.36	1.15	0.96	0.03	67.17
Forestry	0.49	0.68	0.63	0.29	0.28	0.31	4.95	0.10	1.14
Construction	0.68	1.26	0.69	1.12	1.83	2.13	0.96	0.25	2.26
Non Energy Use	1.07	0.88	0.37	0.35	0.59	2.80	0.65	0.04	20.25
Losses and Adjustments	0.88	1.23	2.17	2.12	1.93	−2.35	1.64	1.69	5.17
Total – All sectors	1.03	0.89	0.86	0.88	1.11	1.46	0.95	0.24	289.56

1) Energy commodities included where applicable:
   – Primary Sources: coal, crude oil, natural gas, gas plant L.P.G.'s, Hydro and nuclear electricity;
   – Secondary Sources: coke, coke oven gas, refinery L.P.G.'s, still gas, motor gasoline, kerosene, diesel fuel oil, light fuel oil, heavy fuel oil, petroleum coke, aviation gas, aviation turbo fuel, non-energy products, thermal electricity.
2) Due to discontinuation of SC Cat. No. 57-207, ratios in this table are based on SC Cat. No. 57-003 providing more detail on sectors. Also, the change in survey reporting methodology has resulted in discontinuation of trends with previous year's data.
3) Share Index Ontario: e.g. Ontario's Net Supply of Energy 2,509,078 terajoules ÷ Ontario's population 8,444,300 = 297.13 gigajoules per individual; 297.13 ÷ Canada's 289.56 gigajoules per individual = 1.03 (rounded). Ratio greater than 1 indicates above average use of energy for each sector.
4) Includes Street Lighting.

Source: Central Statistical Services, based on SC Catalogue 91,201 Annual, *Estimates of Population for Canada and the Provinces, June 1, 1980. SC Catalogue 57-003 Quarterly, Quarterly Report on Energy Supply-Demand in Canada, 1978-IV.*

Table 19.21
Program Funding Allocations by the Federal[1] and Ontario Governments for Renewable Energy and for Energy Conservation

	Solar	Wind	Biomass	Other	Conservation
			$ Million		
Canada (Federal Government)	135.9[2]	2.09[3]	187.572[4]	238.7[5]	114.0[6]
Ontario[7] (Provincial Government)	3.9	0.61	2.140	0.1	8.4
Other Provincial[8] Governments	1.8	0.72	3.878	1.5	2.4
Ontario Hydro[9]	3.2	0.06	0.015	21.5	6.4

1) Federal Interdepartmental Energy R & D Expenditures designated for 1978-80 are $108 8 mil in the renewable energy conservation fields.
Since the Federal Government's renewable energy and energy conservation program funding allocations are still under review at the time of compilation of this table, the amounts shown for Canada and other Provincial Governments remain unchanged except the number of decimals under "Wind" and "Biomass". These decimals have been extended in order to be consistent with the greater detail expressed by the Ontario Hydro's figures.
2) The PUSH:, 1979-1984; LEBDA and RFP programs.
3) The RAP and PILP, NRC and Federal Departments programs.
4) The BELG 1980-84; DRECT 1980-85; ENFOR 1980-84; NRC and Federal Departments programs.
5) The AERD; IRAP 1980-85; MINI-IRAP, Provincial & Joint Federal-Provincial, NRC and Federal Departments programs.
6) The F.I.R.E. 1978-85; RAP, IERD, Unsolicited Proposals, NRC and Federal Departments programs.
7) 119 R & D projects representing $8.4 mil. for 1978-81; and, 72 projects (co-ordinated by the Ministry of Energy) representing $6 7 mil. in 1978-81.
8) 105 R & D projects representing $10.3 mil. in 1978-79.
9) For Ontario Hydro, see definitions.

Source: Central Statistical Services, based on the following releases:
- Reports E179-1 (Cat. No. M23-13/79-1), *New Energy/New Opportunities Programs to Develop Renewable Energy and Conservation,* and ER79-5 (Cat. No. M23-14/79-5, June 1979), *Estimated Energy R & D Funding by Provincial Governments in 1976-7, 1977-8 and 1978-9* by Energy, Mines and Resources Canada.
- NRC No. 17978, DEC. 1979, *Renewable Energy Research and Development in Canada* by National Research Council Canada.
- Ontario Hydro's Energy Conservation Department.
- Ministry of Energy estimates, 78-81.

Table 19.22
Ratio of Value of Shipments of Goods of Own Manufacture to Cost of Fuel and Electricity, Canada and Provinces, 1957-1978

	Canada	Ontario	Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon & Northwest Territories
						Per cent						
1957	45.1	48.8	15.6	59.0	37.2	21.8	43.0	54.6	45.2	55.2	42.1	74.2
1958	45.5	49.1	16.6	63.4	40.8	23.5	44.2	62.2	46.2	56.1	37.4	116.0
1959	46.4	49.3	17.9	58.8	42.2	22.7	45.5	61.3	47.5	55.4	39.5	52.8
1960	46.2	48.7	18.7	61.8	39.4	24.6	46.4	58.7	45.1	52.7	39.8	59.8
1961	45.4	48.7	19.3	64.8	38.0	25.6	44.8	45.0	42.6	53.9	39.8	66.0
1962	47.7	51.8	19.3	58.3	38.5	25.8	47.3	45.8	42.9	56.3	40.5	49.2
1963	49.6	54.7	20.4	58.8	41.5	27.6	48.1	47.4	45.2	55.1	41.7	47.0
1964	50.2	55.8	20.0	56.5	41.9	27.9	47.3	51.8	44.1	56.8	42.7	69.5
1965	50.2	56.2	20.1	56.9	41.0	24.0	47.6	49.0	45.5	57.1	41.9	42.3
1966	51.0	57.3	21.6	57.0	43.3	24.0	48.1	50.9	48.5	58.9	41.7	46.7
1967	51.3	57.5	20.1	58.9	41.4	24.4	49.2	50.4	47.3	62.9	40.0	55.4
1968	52.0	58.9	20.7	52.9	40.0	25.9	49.7	46.9	44.5	62.9	41.0	59.7
1969	53.4	61.6	20.9	55.9	39.9	26.8	50.2	48.5	43.6	63.1	41.9	56.2
1970	51.3	57.5	19.6	61.3	42.4	25.8	49.4	47.9	43.9	65.4	40.9	89.4
1971	50.3	57.6	21.3	57.4	30.3	23.2	47.8	48.7	47.5	67.2	38.7	48.8
1972	52.1	59.3	22.0	72.2	34.2	24.0	48.6	52.8	48.8	71.4	42.7	35.4
1973	54.6	61.8	22.4	73.0	39.7	25.1	50.2	58.5	53.3	76.4	46.6	50.9
1974	50.8	59.8	25.9	57.9	32.5	20.3	45.9	59.7	57.6	79.6	41.5	48.5
1975	49.0	56.1	24.9	48.6	35.4	21.5	44.6	51.4	52.0	71.8	40.7	54.0
1976	42.3	46.7	19.7	49.3	23.0	19.5	42.1	42.7	40.6	56.9	36.2	47.1
1977	39.0	42.4	23.6	44.9	21.9	17.2	39.2[r]	38.7[r]	34.8	52.3	34.9	31.5
1978	38.0	42.4	22.3	48.7	19.8	17.6	37.1	36.9	33.7	43.1	35.9	33.2
20 Years	46.5	52.0	21.9	54.6	29.6	21.4	44.7	47.1	43.6	58.5	39.4	44.9

Source: Central Statistical Services, based on SC publication 31-203.

Section
20

Manufacturing

Highlights

- **Principal Manufacturing Statistics** – The number of manufacturing establishments in Ontario has remained fairly constant since 1955. In 1978, 13,079 establishments were recorded, representing a 1.5 per cent decrease since 1955. The total number of employees, on the other hand, rose from 613,900 in 1955 to 880,806 in 1978, an increase of 43.5 per cent. The value of shipments of goods of own manufacture rose by 17.1 per cent over the corresponding 1977 total to reach $65.1 billion.

  Metal Fabricating Industries with 2,353 establishments, and Printing, Publishing and Allied Industries with 1,661 had the most establishments of any Ontario industry group in 1978, representing 18.0 per cent and 12.7 per cent respectively, of the total number of establishments. The Transportation Equipment and Metal Fabricating industry groups employed the highest number of the total workforce of 880,806; Transportation Equipment employed 13.7 per cent and Metal Fabricating, 10.3 per cent of the total.

  In 1978 and 1977, of the 13,079 and 11,414 manufacturing establishments respectively, incorporated companies controlled 85.0 per cent and 86.6 per cent respectively, individual owners controlled 10.3 per cent and 9.1 per cent respectively, and partnerships and co-operatives controlled 4.7 per cent and 4.3 per cent respectively.

  Of the leading manufacturing industries in Ontario in 1978, Motor Vehicle Manufacturers, with only 11 establishments, led in cost of materials and supplies used and value of shipments of goods of own manufacture. Cost of materials and supplies used amounted to $7.1 billion or 18.7 per cent of the Ontario total, and value of shipments of goods of own manufacture, $8.8 billion or 13.4 per cent of the Ontario total.

- **Selected Production Statistics** – In 1960, the total number of motor vehicles produced amounted to 397,739; by 1967 this figure had reached 919,508, an increase of 131.2 per cent; by 1980 it had reached 1.4 million, an increase of 49.5 per cent over 1967, and a decrease of 15.8 per cent from 1979. Of the 1980 total production, passenger cars accounted for 61.6 per cent and motor trucks and buses, 38.4 per cent.

  Ontario continues to produce a substantially greater amount of steel ingots and steel castings for all industries than any other region of Canada. In 1978 Ontario's share of total Canadian production was 81.7 per cent, this level of production being approximately maintained since 1973. The production of steel ingots and steel castings in Ontario rose by 10.8 per cent between 1973 and 1978 to reach 13.3 million net tons in 1978.

  In 1978 secondary industries accounted for 86.3 per cent and primary industries for 13.7 per cent of the total value added in goods-producing industries in Ontario. Manufacturing accounted for 71.8 per cent, followed by construction with 14.5 per cent, agriculture with 4.3 per cent, electric power with 5.0 per cent and mining with 3.7 per cent of the total value added in goods-producing industries.

  In 1978, Ontario's value added in goods-producing industries represented 37.4 per cent of Canada's total. Ontario's secondary industries accounted for 45.0 per cent, and primary industries for 18.1 per cent of the national total.

Definitions

Establishment — Smallest operating unit capable of reporting certain specified input and output data; usually a plant or mill.

Cost of Materials and Supplies — Generally, consumption of purchased items only, at laid-down cost including transportation, handling charges, duties, etc. Includes transfers between units of the same company, contract work done by others. At the manufacturing activity level, this item represents purchased items used in manufacturing operations.

Cost of Fuel and Electricity — Consumption of purchased fuel and electricity only, at laid-down cost including transportation, handling charges, duties, etc. Applies to large establishments only, as small establishments are included in cost of materials and supplies. Data for non-manufacturing activity included and manufacturing activity.

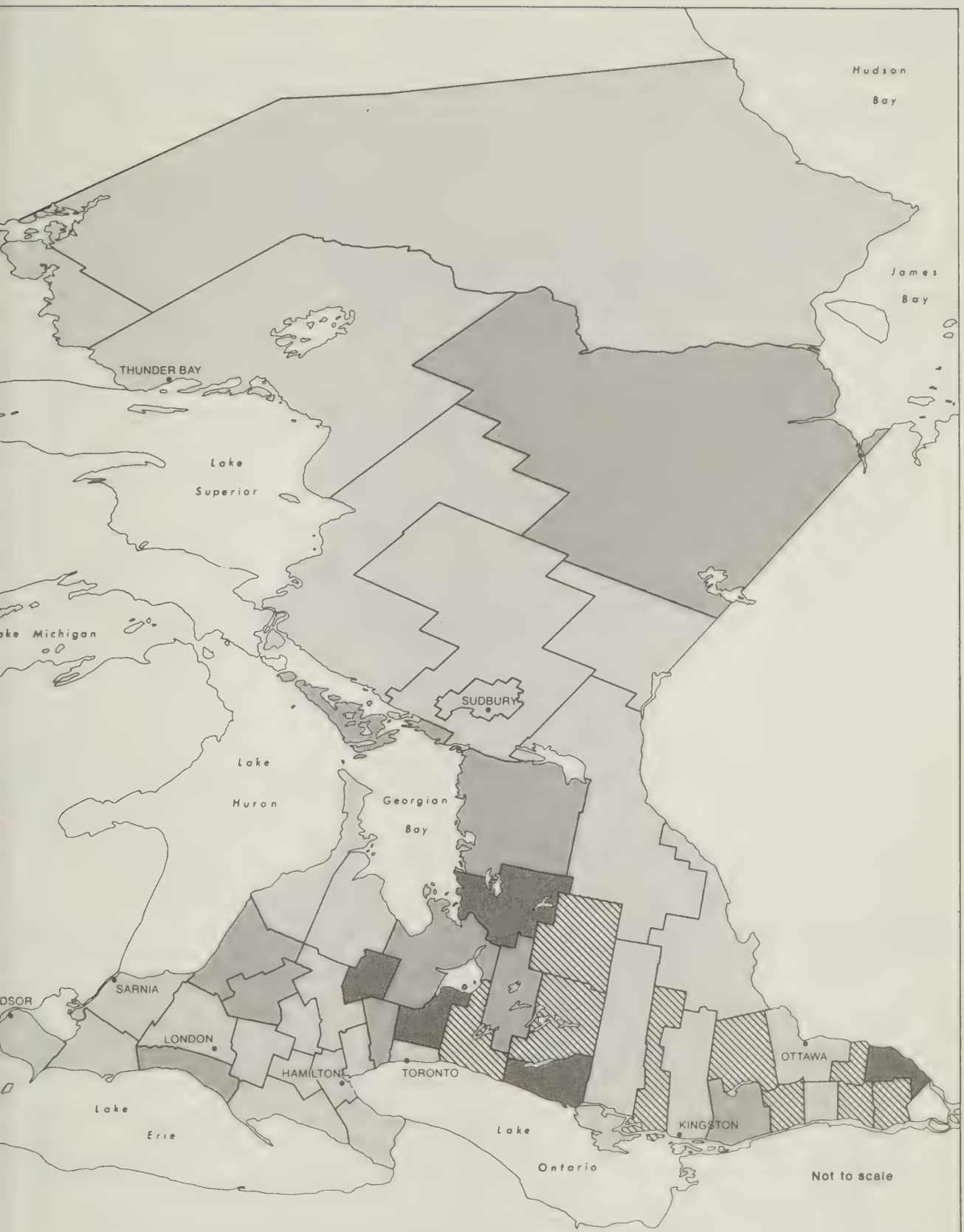
Value of Shipment of Goods of Own Manufacture — Goods made by reporting establishment, or for its account, from its own materials, net of discounts, returns, allowances, sales tax, excise taxes, duties, returnable containers and common or contract carriers' charges for outward transportation (but not of own carriers' delivery expense). Includes repair and custom revenue, transfers to reporting units of same firm, all exports, book value of own products shipped the first time on a rental basis. Unsold domestic consignment shipments are included in inventory. Integrated smelters' work on own ore valued at imputed charge to mine, treated as production under shipments heading.

Employees, Salaries and Wages — Salaries and wages are reported before deductions for income tax and employee portion of employer benefits and comprise all man-hours paid (for regular work, overtime, and paid leave) as well as bonuses, commissions paid to regular employees. Production and related workers in manufacturing activity include those employees engaged in processing, assembling, storing, inspecting, handling, packing, maintenance, repair, janitorial, watchman services and working foreman. (Outside pieceworkers remuneration is included in cost of materials).

Value Added — Net output as measured by gross output less purchased commodity inputs used.

(a) Value added, manufacturing activity: Value of shipments of goods of own manufacture adjusted for changes in value of inventory of goods in process and finished goods, less cost of materials and supplies used and fuel and electricity.

(b) Value added, total activity: Consists of (1) value added, manufacturing activity and (2) value added, non-manufacturing activity. The latter is calculated by subtracting relevant commodity inputs from non-manufacturing revenues or output; these commodity inputs are net of the change in inventories of goods purchased for resale. Non-manufacturing revenues include depreciable fixed assets produced by own work force for own use, revenue from product rentals, etc., but exclude non-operating revenue such as real property rentals, dividends and interest.



Map 20.A Change in Manufacturing Employment[1], 1969-1974

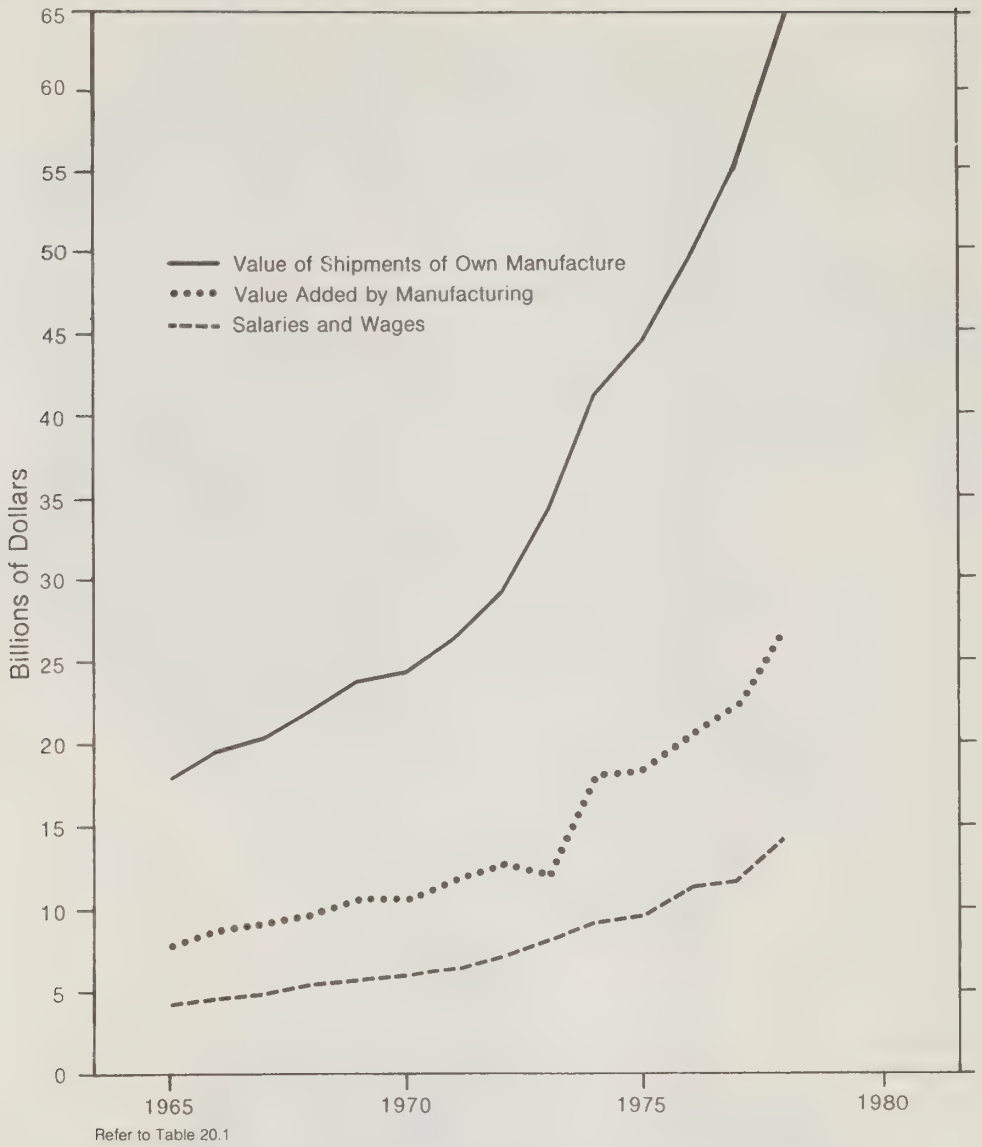
Percent

Decrease	
Increase	0 - 19.9
Increase	20 - 39.9
Increase	> 39.9

[1]Number of production and related workers by county

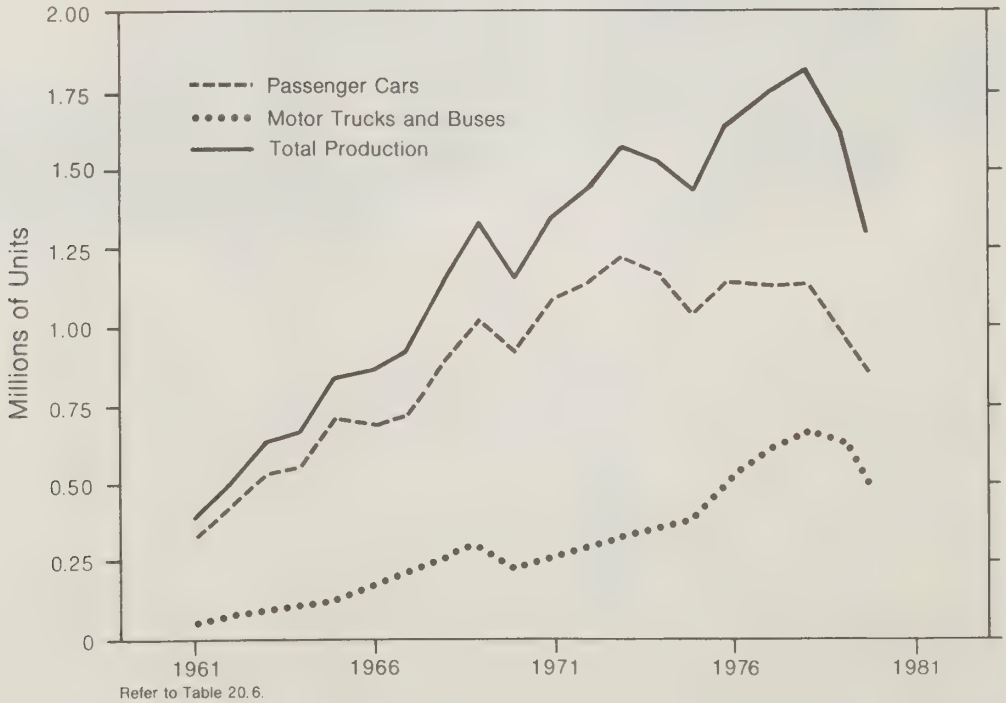
Source: Ministry of Treasury and Economics
Central Statistical Services, based on data from SC Census of Manufactures

Graph 20.B
Principal Statistics of Manufacturing, Ontario, 1965-1978



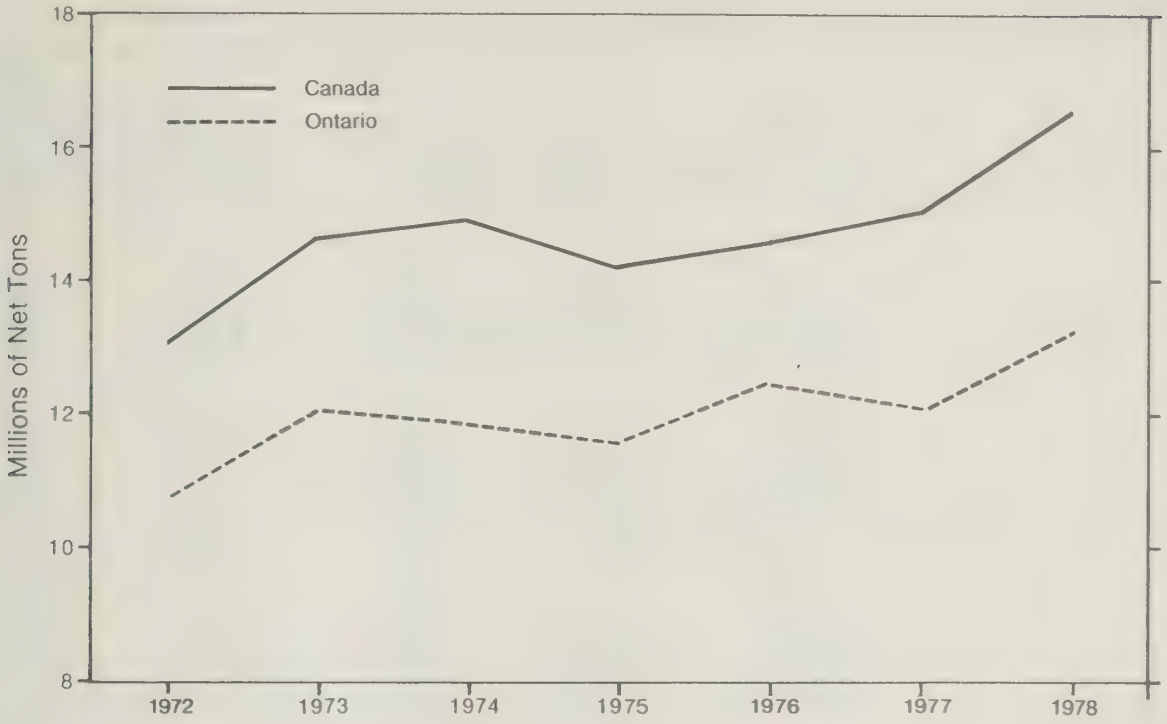
Refer to Table 20.1

Graph 20.C
Motor Vehicle Production, Canada, 1961-1980



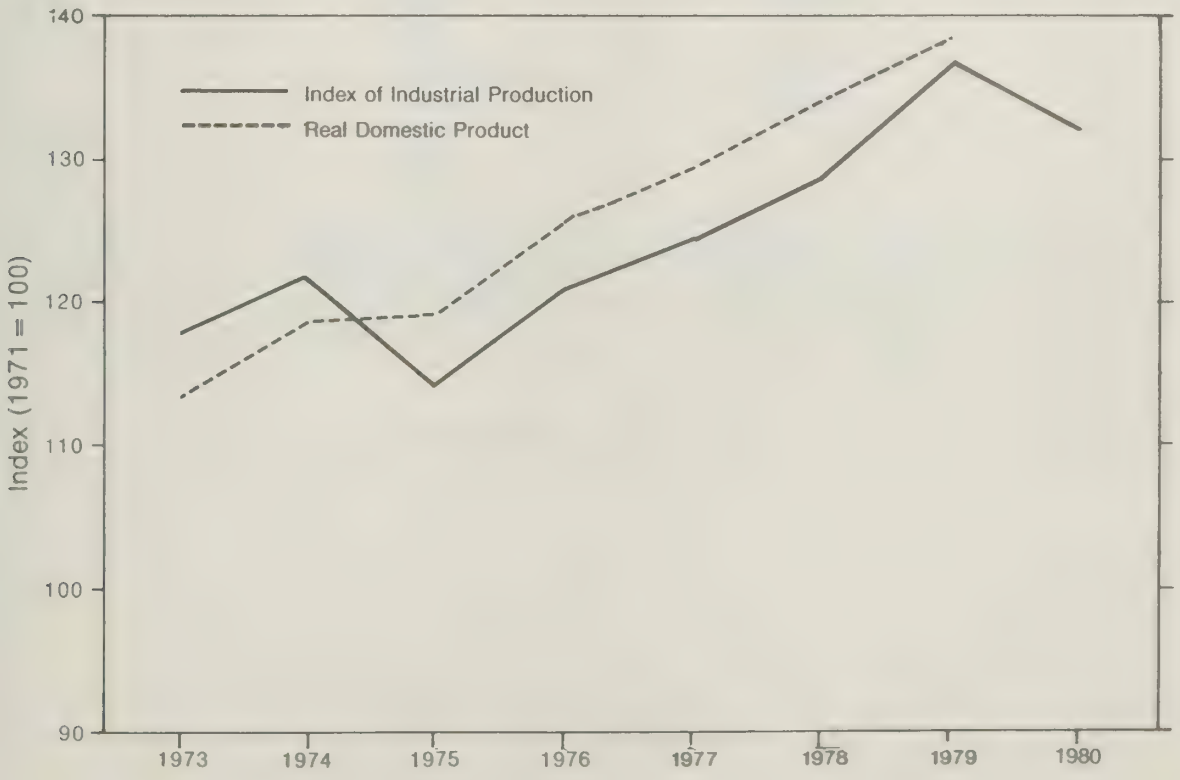
Refer to Table 20.6.

Graph 20.D
Annual Production of Steel Ingots and Steel Castings for All Industries, Canada and Ontario, 1972-1978



Refer to Table 20.7.

Graph 20.E
Comparison of Real Domestic Product with the Index of Industrial Production, Canada, 1973-1980



Refer to Tables 20.8 and 20.11.

Table 20.1
Principal Statistics of Manufacturing, Ontario, 1951-1978

	Establishments	Total Employees[2]	Salaries and Wages[2]	Value Added by Manufacture	Value of Shipments of Goods of Own Manufacture[3]
		'000's		$ Million	
1951	13,025	599.4	1,669.4	3,569.4	8,074.7
1952	13,172	609.7	1,844.2	3,811.1	8,372.2
1953	13,114	634.6	2,018.0	4,130.1	8,876.5
1954	13,178	598.9	1,954.8	3,930.7	8,533.2
1955	13,276	613.9	2,088.9	4,426.7	9,617.6
1956	13,215	641.2	2,310.6	4,868.6	10,655.1
1957	12,162	636.2	2,410.3	..	10,811.1
1958	11,858	599.0	2,391.4	4,740.8	10,579.5
1959	11,727	609.1	2,544.7	5,229.8	11,438.4
1960	12,090	594.3	2,557.4	5,215.2	11,479.3
1961	12,419	638.7	2,859.6	5,244.8	11,563.7
1962	12,585	662.5	3,078.5	5,815.1	12,919.5
1963	12,489	690.5	3,335.6	6,369.5	14,262.2
1964	12,781	728.9	3,666.8	7,067.0	15,843.2
1965	12,766	774.4	4,100.2	7,881.8	17,675.9
1966	12,986	820.4	4,571.7	8,648.2	19,452.6
1967	13,076	818.2	4,822.2	9,032.1	20,259.7
1968	12,932	810.8	5,171.2	9,714.9	21,942.6
1969	12,971	825.5	5,660.9	10,637.0	23,847.8
1970	12,736	806.6	5,942.5	10,524.7	24,009.6
1971	12,740	800.0	6,326.5	11,596.5	26,270.6
1972	12,589	821.6	6,989.6	12,819.9	29,181.1[r]
1973	12,397	861.8	7,948.0	12,030.3	34,300.7[r]
1974	12,662	883.7	9,074.1	18,128.8	41,404.4
1975	12,245	850.3	9,673.1	18,357.8	44,422.8
1976	11,880	853.8	10,986.1	20,410.7	49,851.3
1977[r]	11,414	843.4	11,982.1	22,534.5	55,585.5
1978	13,079	880.8	13,369.9	25,910.5	65,111.9

1) From 1957 onward data are based on Revised Standard Industrial Classification and New Establishment Concept and are not strictly comparable with earlier statistics. From 1961 onward data embody revisions or classification changes, for description of these changes see the 1962 and 1964 issue of Statistics Canada catalogue "Manufacturing Industries of Canada: Section A, Summary for Canada".

2) Beginning with the 1961 data, some statistics are compiled for "Manufacturing activity" and others for "Total activity". "Total activity" includes non-manufacturing activities of manufacturing establishments and activities of separate head offices, sales offices and auxiliary units. "Total employees" and "Salaries and wages" in the 1961 and subsequent years' data are thus not comparable with earlier statistics under the same headings.

3) Prior to 1952, the basis of collection was gross value of products

Source: SC, *Manufacturing Industries of Canada: National and Provincial Areas*, (31-203).

Table 20.2

Principal Manufacturing Statistics by Industry Group, Ontario, 1977 and 1978

	Manufacturing Activity								
		Production and related workers							
1977	Establishments	Male	Female	Wages	Manhours Paid	Cost of Fuel & Electricity[1]	Cost of Materials and Supplies Used[1]	Value of Shipments of Goods of Own Manufacture	Value Added
		Number		$ Million	Million		$ Million		
Food and Beverage	1,368	38,355	15,816	671.8	112.3	107.2	4,780.3	7,473.5	2,627.3
Tobacco Products	9	1,407	771	29.8	4.0	2.6	308.7	521.4	205.3
Rubber	400	18,460	8,033	297.4	54.8	35.0	836.4	1,646.4	812.6
Leather	150	3,991	5,971	85.9	20.9	4.2	194.8	366.7	175.2
Textile Mills	345	12,157	11,805	257.6	49.4	33.6	729.4	1,390.5	633.0
Knitting Mills	74	1,569	4,235	46.2	11.9	2.6	90.8	182.6	89.4
Clothing	383	4,189	15,842	158.1	40.1	2.5	292.8	614.3	321.7
Wood	645	14,682	2,055	185.8	35.1	22.7	447.3	870.0	404.7
Furniture and Fixture	682	13,378	4,383	176.5	37.5	7.9	353.3	742.8	382.2
Paper and Allied	287	28,511	4,722	492.1	68.9	197.2	1,440.0	2,826.6	1,193.0
Printing, Publishing and Allied	1,468	18,602	6,831	335.5	50.5	12.3	601.9	1,747.9	1,146.9
Primary Metal	203	55,836	1,691	893.3	117.7	265.5	2,589.8	4,937.2	2,166.8
Metal Fabricating	2,026	56,909	8,887	853.4	138.8	56.4	2,281.0	4,438.6	2,108.0
Machinery	606	34,024	2,532	493.3	75.6	25.8	1,558.3	2,827.0	1,266.8
Transportation Equipment	373	80,577	8,071	1,423.9	194.0	94.8	8,762.6	12,429.6	3,735.6
Electrical Products	476	29,862	18,578	565.4	99.5	31.4	1,546.8	3,245.2	1,678.4
Non-Metallic Mineral Products	450	17,362	1,734	269.9	40.4	119.9	533.7	1,377.6	735.3
Petroleum and Coal Products	36	2,374	5	48.0	4.9	33.8	2,165.0	2,604.6	455.1
Chemical and Chemical Products	520	20,188	5,167	357.3	52.9	241.0	2,014.9	3,832.2	1,623.8
Miscellaneous Manufacturing	913	14,741	11,493	257.8	53.1	14.3	728.5	1,516.1	793.6
Total	11,414	467,174	138,622	7,899.0	1,262.2	1,310.7	32,256.2	55,590.9	22,554.7

Table 20.2 (cont'd.)
Principal Manufacturing Statistics by Industry Group, Ontario, 1977 and 1978

1977	Total Activity							
	Employees							
	Administrative, Office and Other Non-manufacturing Employees			Total Employees		Cost of Materials, Supplies and Goods for Resale	Value of Shipments and Other Revenue	Value Added
	Male	Female	Salaries	Number	Salaries and Wages			
	Number		$ Million			$ Million		
Food and Beverage	21,447	8,573	469.4	84,191	1,141.2	5,504.6	8,360.7	2,790.1
Tobacco Products	697	228	16.7	3,103	46.5	313.0	528.9	208.5
Rubber	6,533	2,497	141.6	35,523	439.0	1,093.2	1,972.2	881.5
Leather	1,199	745	27.9	11,906	113.7	231.7	412.4	184.0
Textile Mills	3,645	1,859	86.6	29,466	344.2	816.1	1,491.4	647.3
Knitting Mills	467	415	14.1	6,686	60.2	97.9	191.1	90.8
Clothing	1,418	1,261	43.3	22,710	201.4	343.4	689.2	346.0
Wood	2,557	816	56.8	20,110	242.6	479.8	908.4	410.5
Furniture and Fixture	2,255	1,386	56.6	21,402	233.1	384.9	778.4	386.3
Paper and Allied	7,461	2,794	189.0	43,488	681.1	1,515.8	2,916.8	1,207.4
Printing, Publishing and Allied	12,116	9,756	313.7	47,305	649.2	674.0	1,847.0	1,173.8
Primary Metal	11,662	2,747	300.3	71,936	1,193.6	2,661.3	5,017.4	2,175.5
Metal Fabricating	14,177	5,389	336.5	85,362	1,189.8	2,557.7	4,780.1	2,172.8
Machinery	13,037	4,492	281.4	54,085	774.8	1,986.9	3,469.1	1,480.4
Transportation Equipment	19,494	4,950	484.8	113,092	1,908.7	14,964.2	19,200.4	4,304.8
Electrical Products	18,952	6,587	422.6	73,979	988.0	2,185.6	4,070.1	1,864.5
Non-Metallic Mineral Products	4,837	1,598	112.2	25,531	382.0	672.7	1,537.3	756.1
Petroleum and Coal Products	4,939	2,427	169.8	9,745	217.8	2,337.2	2,776.1	454.3
Chemical and Chemical Products	14,828	5,535	367.3	45,718	724.6	2,494.8	4,498.9	1,810.6
Miscellaneous Manufacturing	7,523	4,233	191.5	37,990	449.3	974.5	1,894.6	926.2
Total	169,244	68,288	4,082.0	843,328	11,981.0	42,289.2	67,340.7	24,271.4

Table 20.2 (cont'd.)
Principal Manufacturing Statistics by Industry Group, Ontario, 1977 and 1978

	Manufacturing								
		Production and related workers							
1978	Establishments	Male	Female	Wages	Manhours Paid	Cost of Fuel & Electricity[1]	Cost of Materials and Supplies Used[1]	Value of Shipments of Goods of Own Manufacture	Value Added
		Number		$ Million	Million		$ Million		
Food and Beverage	1,467	39,270	15,900	734.5	115.4	118.2	5,605.3	8,556.5	2,875.6
Tobacco Products	10	1,387	800	32.5	4.3	2.8	383.8	557.1	189.3
Rubber	495	19,995	9,049	348.8	59.8	41.7	986.2	1,982.8	948.8
Leather	163	4,187	6,732	102.3	22.6	4.9	254.5	463.3	211.9
Textile Mills	385	12,487	12,033	287.6	50.9	38.7	830.7	1,602.3	726.8
Knitting Mills	83	1,736	4,337	52.1	12.5	3.6	104.6	213.3	107.2
Clothing	431	4,237	17,304	184.2	43.0	3.1	376.6	754.7	383.4
Wood	707	16,077	2,191	216.3	38.4	27.7	541.7	1,078.0	511.1
Furniture and Fixture	802	14,167	4,535	201.6	39.1	8.5	410.5	867.8	451.7
Paper and Allied	319	29,961	4,858	541.1	72.0	228.8	1,616.3	3,145.7	1,307.5
Printing, Publishing and Allied	1,661	19,305	7,494	376.2	53.3	13.9	719.0	2,048.7	1,330.7
Primary Metal	208	55,019	1,972	942.3	113.7	313.0	3,154.3	5,903.8	2,405.3
Metal Fabricating	2,353	60,863	9,455	965.9	148.3	65.3	2,659.4	5,115.3	2,449.5
Machinery	713	35,204	3,287	556.7	80.8	29.2	1,815.4	3,367.4	1,541.1
Transportation Equipment	442	84,560	9,510	1,619.8	206.3	109.6	10,200.4	14,577.4	4,419.8
Electrical Products	567	30,288	19,390	626.3	103.4	35.6	1,704.5	3,586.9	1,888.9
Non-Metallic Mineral Products	574	17,610	1,839	296.8	41.6	140.7	632.7	1,646.9	869.7
Petroleum and Coal Products	37	3,064	65	69.3	6.9	49.8	2,903.5	3,378.0	433.7
Chemical and Chemical Products	593	20,365	5,348	385.1	54.6	284.7	2,215.9	4,377.1	1,958.9
Miscellaneous Manufacturing	1,069	15,586	12,032	291.2	55.8	16.4	995.1	1,889.1	899.6
Total	13,079	485,368	148,131	8,830.7	1,322.6	1,536.3	38,110.2	65,111.9	25,910.5

Table 20.2 (cont'd.)
Principal Manufacturing Statistics by Industry Group, Ontario, 1977 and 1978

1978	Total Activity							
	Employees							
	Administrative, Office and Other Non-manufacturing Employees			Total Employees		Cost of Materials, Supplies and Goods for Resale	Value of Shipments and Other Revenue	Value Added
	Male	Female	Salaries	Number	Salaries and Wages			
	Number		$ Million			$ Million		
Food and Beverage	21,196	8,730	499.4	85,096	1,233.9	6,440.4	9,576.9	3,060.9
Tobacco Products	887	319	24.2	3,393	56.7	396.5	573.5	193.0
Rubber	6,764	2,658	158.8	38,466	507.5	1,284.8	2,354.4	1,021.8
Leather	1,136	702	28.6	12,757	131.0	299.9	523.8	227.0
Textile Mills	3,842	2,052	100.1	30,414	387.7	936.8	1,728.0	746.4
Knitting Mills	494	411	14.8	6,978	66.9	107.5	216.1	107.0
Clothing	1,582	1,546	52.4	24,669	236.6	455.2	860.3	410.3
Wood	2,798	876	62.9	21,942	279.3	576.4	1,117.0	515.3
Furniture and Fixture	2,286	1,405	61.1	22,393	262.7	444.6	907.5	457.3
Paper and Allied	7,455	2,935	206.3	45,209	747.4	1,695.4	3,235.1	1,317.8
Printing, Publishing and Allied	12,778	10,363	359.5	49,940	735.7	798.3	2,168.0	1,370.7
Primary Metal	11,830	2,847	318.9	71,668	1,261.2	3,240.2	5,994.6	2,410.3
Metal Fabricating	14,706	5,677	369.4	90,701	1,335.3	2,981.4	5,508.8	2,521.0
Machinery	13,188	4,602	304.5	56,281	861.1	2,304.7	4,094.0	1,778.4
Transportation Equipment	20,956	5,457	568.0	120,483	2,187.8	16,783.3	21,703.9	4,963.5
Electrical Products	19,051	7,045	461.8	75,774	1,088.1	2,400.9	4,524.3	2,129.9
Non-Metallic Mineral Products	5,196	1,825	129.5	26,470	426.3	772.7	1,806.6	889.4
Petroleum and Coal Products	5,111	2,810	184.7	11,050	254.0	3,182.4	3,654.1	430.9
Chemical and Chemical Products	15,779	5,825	416.8	47,317	801.9	2,810.9	5,188.1	2,175.0
Miscellaneous Manufacturing	7,755	4,432	217.7	39,805	508.9	1,281.4	2,337.2	1,061.4
Total	174,790	72,517	4,539.2	880,806	13,370.0	49,193.8	78,072.3	27,787.3

1) For small establishments, the cost of fuel and electricity is included in the cost of materials and supplies.

Source: SC, *Manufacturing Industries of Canada: National and Provincial Areas*, (31-203).

Table 20.3
Principal Manufacturing Statistics, by County, Ontario, 1976 and 1977

1976	Manufacturing Activity								
		Production and Related Workers							
	Establishments	Male	Female	Wages	Man-hours Paid	Cost of Fuel and Electricity	Cost of Materials and Supplies Used	Value of Shipments of Own Manufacture	Value Added
		Number		$ Million	Million	$ Million			
Ontario	11,880	473,024	144,455	7,270.2	1290.7	1066.6	28,818.5	49,851.3	20,410.7
Algoma	71	9,510	521	146.7	19.2	41.7	379.4	671.3	271.5
Brant	205	10,325	2,764	154.9	27.1	11.1	482.6	827.7	354.5
Bruce	63	1,560	408	22.5	4.2	41.5	71.6	179.1	63.3
Cochrane	56	4,614	144	63.2	9.3	25.5	130.0	293.2	137.0
Dufferin	34	538	293	8.2	1.7	0.6	37.5	59.6	22.3
Dundas	21	814	272	9.8	2.3	1.5	62.3	122.5	58.7
Elgin	88	5,421	1,152	68.7	12.7	5.1	849.7	1,033.0	195.9
Essex	414	27,460	3,311	444.8	67.6	37.2	2,437.0	3,770.5	1,337.7
Frontenac	75	3,096	600	45.5	7.9	6.9	146.8	289.2	131.0
Glengarry	24	614	226	7.5	1.7	1.0	38.3	60.9	21.9
Grenville	31	1,696	496	25.3	4.5	14.2	155.1	267.6	106.8
Grey	115	3,248	1,597	44.9	10.0	4.5	123.9	235.4	117.5
Haliburton	10	169	29	1.8	0.4	0.4	1.7	5.1	3.4
Hastings	147	5,004	2,559	72.9	15.7	8.4	271.3	512.1	239.5
Huron	84	2,484	470	29.6	6.0	1.9	102.7	182.6	77.9
Kenora[1]	47	3,030	156	40.8	6.0	21.0	101.2	206.5	87.2
Kent	159	7,470	1,917	108.9	19.8	11.6	440.4	737.3	288.9
Lambton	115	7,123	569	122.1	16.3	107.3	1,416.6	2,161.9	651.1
Lanark	66	1,612	1,087	23.8	5.4	1.9	63.8	131.7	67.3
Leeds	58	2,715	1,338	42.4	8.4	3.1	200.7	344.8	146.4
Lennox-Addington	16	1,234	444	19.4	3.6	9.1	56.5	96.7	35.4
Manitoulin	9	15	1	0.1	–	–	0.7	1.0	0.3
Middlesex	363	11,688	5,707	197.3	35.9	13.0	578.7	1,154.1	578.8
D.M. of Muskoka	47	992	144	12.2	2.4	2.5	77.8	110.3	30.4
Nipissing	68	1,996	305	24.8	4.9	5.9	70.9	147.0	74.4
Northumberland	83	3,008	1,055	46.1	8.6	5.1	149.4	338.0	181.8
Oxford	163	5,772	2,031	80.0	16.2	18.8	378.5	603.4	227.5
Parry Sound	39	613	117	7.1	1.5	1.2	22.6	41.1	17.4
Perth	113	4,427	2,639	67.1	14.6	9.8	233.6	414.7	177.6
Peterborough	97	5,699	1,049	85.1	14.2	5.0	181.7	391.4	202.6
Prescott	39	1,493	620	22.4	4.4	5.8	72.4	151.8	74.7
Prince Edward	28	536	180	6.4	1.5	8.1	23.9	54.7	24.0
R.M. of Durham	280	18,465	3,716	318.3	49.3	29.0	2,096.4	2,973.1	879.5
R.M. of Haldimand-Norfolk	105	3,466	1,374	48.7	10.1	5.6	242.4	365.3	118.9
R.M. of Halton	319	14,945	3,241	227.9	37.8	20.9	2,032.9	2,568.8	512.2
R.M. of Hamilton-Wentworth	506	41,042	5,953	834.8	98.4	110.5	2,152.4	3,893.6	1,651.0
R.M. of Niagara	453	28,631	3,619	452.6	67.7	80.0	1,249.5	2,423.2	1,137.0
R.M. of Ottawa-Carleton	276	6,278	2,157	92.2	17.5	6.7	234.5	501.1	265.8
R.M. of Peel	707	24,677	8,046	376.7	67.9	43.6	1,619.9	2,948.2	1,284.7
R.M. of Sudbury	61	6,310	195	81.7	12.9	49.1	61.5	306.6	196.2
R.M. of Waterloo	578	27,888	12,070	429.0	83.1	30.8	1,270.8	2,357.1	1,066.2
R.M. of York	441	10,089	3,652	149.2	28.8	10.0	456.7	859.8	399.5
Renfrew	111	3,320	1,269	42.4	9.5	5.3	96.2	195.3	94.0
Russell	10	52	5	0.6	0.1	–	5.8	6.9	1.1
Simcoe	232	8,357	3,925	120.9	25.4	12.3	335.7	650.5	314.4
Stormont	65	3,717	706	50.6	9.1	19.1	171.4	296.8	112.3
Sudbury	21	1,384	29	20.0	2.8	7.2	50.9	105.5	46.9
Thunder Bay	110	7,532	541	104.8	20.7	49.9	273.0	588.0	269.9
Timiskaming	42	796	93	9.2	1.9	0.9	23.4	42.8	18.1
Victoria	56	1,444	702	20.3	4.4	1.8	59.6	111.0	50.1
Wellington	225	7,946	3,162	114.8	22.8	12.8	425.9	783.5	352.2
York (Metropolitan Toronto)	4,334	120,709	55,799	1,923.0	366.4	140.7	6,600.4	12,278.2	5,635.5

Table 20.3 (cont'd.)
Principal Manufacturing Statistics, by County, Ontario, 1976 and 1977

1976	Total Activity								
	Employees-Administrative Office and Other Non-Manufacturing Employees				Total Employees		Cost of Materials; Supplies and Goods for Resale	Value of Shipments and other Revenue	Value Added
	Establishments	Male	Female	Salaries Paid	Number	Salaries and Wages			
		Number		$Million		$Million		$Million	
Ontario	11,880	169,315	67,018	3,715.9	853,812	10,986.1	37,027.2	59,793.1	22,143.9
Algoma	71	2,347	256	53.3	12,634	200.0	385.2	700.0	294.4
Brant	205	3,041	1,198	62.2	17,328	217.2	614.1	995.8	391.0
Bruce	63	367	111	7.3	2,446	29.8	84.0	196.3	68.1
Cochrane	56	941	153	19.2	5,852	82.5	136.4	304.7	142.0
Dufferin	34	154	59	3.0	1,044	11.2	40.5	64.5	24.3
Dundas	21	194	76	3.5	1,356	13.3	85.8	155.5	68.3
Elgin	88	1,104	313	23.0	7,990	91.6	878.7	1,069.4	203.2
Essex	414	6,245	1,666	147.7	38,682	592.5	4,119.8	5,515.8	1,400.3
Frontenac	75	1,246	285	23.8	5,227	69.2	173.6	319.8	134.9
Glengarry	24	122	26	1.8	988	9.3	39.9	65.7	25.2
Grenville	31	704	169	13.6	3,065	38.9	175.5	291.7	110.4
Grey	115	838	350	15.3	6,033	60.2	138.9	254.0	121.0
Haliburton	10	39	6	0.5	243	2.2	1.7	5.1	3.4
Hastings	147	1,852	757	34.8	10,172	107.7	318.0	570.2	250.9
Huron	84	438	190	8.8	3,582	38.4	115.0	199.3	82.3
Kenora[1]	47	385	136	8.8	3,707	49.6	116.1	225.4	91.2
Kent	159	1,700	566	35.4	11,653	144.2	476.1	779.0	295.0
Lambton	115	3,895	654	92.1	12,241	214.2	1,532.9	2,296.2	669.0
Lanark	66	493	295	10.7	3,487	34.5	80.1	153.2	72.4
Leeds	58	1,377	555	26.6	5,985	69.0	282.9	446.2	165.5
Lennox-Addington	16	295	79	5.9	2,052	25.3	72.2	113.4	36.3
Manitoulin	9	5	3	0.1	24	0.2	0.7	1.0	0.3
Middlesex	363	5,077	1,937	105.5	24,409	302.8	827.7	1,473.9	649.6
Muskoka	47	162	57	3.3	1,355	15.4	81.3	114.6	31.2
Nipissing	68	563	178	10.1	3,042	34.9	90.6	171.6	79.4
Northumberland	83	915	332	18.2	5,310	64.3	160.9	350.7	183.1
Oxford	163	1,748	745	35.3	10,296	115.3	414.6	641.2	229.2
Parry Sound	39	98	32	1.9	860	9.0	24.4	42.9	17.5
Perth	113	1,397	721	26.2	9,184	93.3	268.1	457.4	185.8
Peterborough	97	2,805	801	57.4	10,354	142.5	228.4	462.1	226.6
Prescott	39	230	91	4.7	2,434	27.1	79.0	160.0	76.3
Prince Edward	28	85	23	1.5	824	7.9	26.8	57.9	24.4
R.M. of Durham	280	5,417	1,615	124.4	29,213	442.7	3,456.7	4,561.0	1,107.0
R.M. of Haldimand-Norfolk	105	685	259	13.1	5,784	61.8	258.5	385.2	122.8
R.M. of Halton	319	4,606	1,836	108.9	24,628	336.8	3,405.2	4,254.0	825.2
R.M. of Hamilton-Wentworth	506	11,072	4,008	254.9	62,075	889.7	2,421.5	4,231.9	1,720.3
R.M. of Niagara	453	6,429	2,044	141.1	40,723	593.8	1,339.4	2,530.7	1,154.5
R.M. of Ottawa-Carleton	276	4,572	1,520	90.6	14,527	182.8	306.9	597.9	290.2
R.M. of Peel	707	11,783	3,976	247.1	48,482	623.8	2,051.5	3,528.5	1,433.4
R.M. of Sudbury	61	2,709	524	55.3	9,738	137.0	67.7	315.5	199.0
R.M. of Waterloo	578	8,317	3,281	163.0	51,556	592.0	1,481.5	2,615.3	1,113.8
R.M. of York	441	2,832	1,325	64.1	17,898	213.3	515.9	936.7	417.2
Renfrew	111	708	282	13.3	5,579	55.7	103.4	202.6	94.1
Russell	10	3	3	0.1	63	0.6	5.8	6.9	1.1
Simcoe	232	2,389	915	45.0	15,586	165.9	380.5	705.8	324.9
Stormont	65	824	313	16.3	5,560	66.9	199.8	333.1	120.2
Sudbury	21	237	58	4.7	1,708	24.7	57.0	112.9	48.2
Thunder Bay	110	1,685	403	32.4	10,161	137.2	289.5	607.3	272.7
Timiskaming	42	203	59	3.1	1,151	12.3	24.4	43.9	18.3
Victoria	56	322	118	5.4	2,586	25.7	63.7	115.4	50.4
Wellington	225	2,240	914	45.4	14,262	160.2	486.8	859.2	367.0
York (Metropolitan Toronto	4,334	61,420	30,745	1,426.5	268,673	3,349.5	8,041.7	14,195.1	6,111.2

Table 20.3 (cont'd.)
Principal Manufacturing Statistics, by County, Ontario, 1976 and 1977

1977	Manufacturing Activity								
	Production and Related Workers								
	Establishments	Male	Female	Wages	Man-hours Paid	Cost of Fuel and Electricity	Cost of Materials and Supplies Used	Value of Shipments of Own Manufacture	Value Added
	Number			$ Million	Million		$ Million		
Ontario	11,414	467,174	138,622	7,899.4	1,262.2	1,310.7	32,268.6	55,585.5	22,534.5
Algoma	71	9,633	553	167.2	19.2	54.8	371.3	809.0	393.0
Brant	196	10,227	2,745	164.5	26.2	13.6	527.9	921.6	385.3
Bruce	59	1,412	348	23.1	3.7	52.3	73.5	167.5	41.3
Cochrane	56	4,735	129	77.7	10.2	31.3	146.9	355.0	174.6
Dufferin	34	560	238	8.9	1.7	0.6	34.9	58.3	23.8
Dundas	21	942	257	12.2	2.5	2.6	139.5	208.7	68.0
Elgin	79	5,859	1,169	86.9	14.2	6.7	852.0	1,043.8	214.8
Essex	398	29,931	3,709	523.5	72.0	48.2	2,680.8	4,272.2	1,573.7
Frontenac	76	3,180	573	53.7	8.1	8.2	173.8	339.9	161.1
Glengarry	25	671	297	9.3	2.0	1.3	47.3	74.7	26.7
Grenville	30	1,658	454	29.1	4.4	15.1	143.6	260.0	100.9
Grey	109	3,327	1,533	49.0	10.2	5.7	130.2	256.0	126.8
Haliburton	11	176	8	1.8	0.4	0.4	2.1	6.2	3.3
Hastings	140	4,530	2,372	74.4	14.1	9.7	228.5	488.5	248.4
Huron	81	2,367	402	29.8	5.6	2.1	102.1	179.0	75.3
Kenora	29	1,937	88	33.4	4.2	17.7	75.4	160.0	67.1
Kent	152	8,190	2,013	131.5	21.3	13.5	554.0	935.0	376.6
Lambton	112	8,027	592	148.5	18.1	128.8	1,861.4	2,642.4	699.5
Lanark	64	1,574	1,024	23.9	5.3	2.1	79.6	153.3	76.2
Leeds	56	2,664	1,193	47.6	8.2	3.7	223.9	377.3	154.4
Lennox-Addington	16	1,227	399	20.0	3.4	11.0	76.2	136.7	50.6
Manitoulin	8	18	5	0.2	–	–	0.8	1.4	0.5
Middlesex	348	10,732	5,424	204.0	33.3	15.3	583.5	1,164.6	562.8
D.M. of Muskoka	46	1,086	110	14.5	2.5	3.5	87.1	129.1	39.8
Nipissing	65	2,031	297	27.1	4.8	6.8	78.4	165.2	79.4
Northumberland	84	3,109	1,030	50.3	8.6	6.3	161.1	378.9	207.4
Oxford	154	5,777	2,066	89.1	15.8	20.6	381.3	662.9	256.7
Parry Sound	33	738	115	8.8	1.7	1.1	24.1	45.1	19.6
Perth	113	4,489	2,653	74.9	14.7	10.7	258.2	453.5	189.4
Peterborough	91	5,121	1,019	83.4	12.7	5.9	199.1	442.6	242.5
Prescott	37	1,529	630	24.6	4.4	6.8	72.6	160.6	81.4
Prince Edward	26	517	205	8.1	1.5	9.2	26.1	64.8	30.0
R.M. of Durham	265	19,498	3,742	368.2	51.5	34.4	2,567.1	3,652.8	1,105.1
R.M. of Haldimand-Norfolk	95	3,330	929	48.8	8.8	6.6	249.1	382.2	126.8
R.M. of Halton	313	14,473	2,930	251.3	37.4	26.4	2,510.9	3,118.5	607.7
R.M. of Hamilton-Wentworth	483	40,426	5,769	680.2	96.4	142.7	2,308.5	4,197.6	1,839.9
R.M. of Niagara	436	28,674	3,379	502.2	70.2	100.9	1,403.5	2,744.4	1,246.8
R.M. of Ottawa-Carleton	260	5,542	1,926	92.4	15.5	7.9	282.5	558.0	273.3
R.M. of Peel	694	23,360	7,690	383.0	64.5	52.2	1,818.0	3,197.0	1,348.5
R.M. of Sudbury	63	6,256	188	86.6	12.8	51.7	75.6	323.6	196.5
R.M. of Waterloo	560	26,933	11,415	461.1	80.1	37.3	1,336.5	2,522.8	1,162.7
R.M. of York	441	10,060	3,408	158.0	28.0	11.8	495.9	938.1	439.1
Rainy River	20	1,099	52	20.9	2.4	17.1	56.5	119.7	46.1
Renfrew	101	3,230	1,170	45.5	9.1	5.9	104.5	216.7	112.3
Russell	13	65	8	0.8	0.1	–	5.8	7.0	1.2
Simcoe	230	8,078	3,727	128.0	24.1	14.1	355.9	737.2	354.2
Stormont	64	3,828	711	59.6	9.8	28.3	217.7	389.3	142.1
Sudbury	21	1,419	37	23.0	3.1	8.5	61.7	124.3	53.7
Thunder Bay	106	8,119	466	132.6	17.1	66.9	403.2	804.7	337.4
Timiskaming	40	753	63	9.0	1.7	0.9	20.4	43.0	21.9
Victoria	52	1,416	687	22.1	4.4	2.1	63.6	117.9	52.0
Wellington	207	7,385	2,850	119.8	20.9	15.4	430.8	823.4	380.9
York (Metropolitan Toronto)	4,130	115,256	53,825	2,005.3	349.2	163.9	7,103.7	13,053.6	5,935.1

Table 20.3 (cont'd.)
Principal Manufacturing Statistics, by County, Ontario, 1976 and 1977

1977	Total Activity								
	Employees Administrative Office and Other Non-Manufacturing Employees				Total Employees		Cost of Materials; Supplies and Goods for Resale	Value of Shipments and other Revenue	Value Added
	Establishments	Male	Female	Salaries Paid	Number	Salaries and Wages			
		Number		$ Million		$ Million		$ Million	
Ontario	11,414	169,275	68,307	4,082.7	843,378	11,982.1	42,301.7	67,335.3	24,251.2
Algoma	71	2,312	254	57.1	12,752	224.3	377.1	818.8	397.1
Brant	196	3,228	1,206	69.6	17,406	234.1	655.9	1,101.8	437.3
Bruce	59	907	114	23.0	2,781	46.1	88.5	189.5	48.3
Cochrane	56	912	171	20.2	5,947	97.8	153.3	365.4	178.6
Dufferin	34	120	45	2.8	963	11.7	38.7	64.1	25.8
Dundas	21	216	94	4.3	1,509	16.5	165.9	244.2	77.2
Elgin	79	1,109	341	27.2	8,478	114.1	883.8	1,085.0	224.4
Essex	398	6,356	1,736	173.1	41,732	696.6	5,323.3	7,000.6	1,659.7
Frontenac	76	1,231	271	25.5	5,255	79.2	204.7	377.8	168.2
Glengarry	25	112	30	1.8	1,110	11.1	48.2	78.4	29.5
Grenville	30	623	169	14.1	2,904	43.2	197.7	321.6	108.3
Grey	109	818	330	16.6	6,008	65.6	144.1	273.5	130.3
Haliburton	11	25	8	0.5	217	2.3	2.1	6.2	3.3
Hastings	140	1,832	747	36.5	9,481	110.9	274.0	555.4	269.8
Huron	81	413	195	9.1	3,377	38.9	113.5	194.2	79.2
Kenora	29	255	111	6.4	2,391	39.9	82.0	169.2	69.6
Kent	152	1,797	614	39.8	12,614	171.3	586.4	978.7	387.9
Lambton	112	4,222	731	108.5	13,572	257.0	2,036.3	2,865.6	747.8
Lanark	64	535	316	12.0	3,449	35.9	101.2	180.2	81.5
Leeds	56	1,459	575	31.5	5,891	79.2	284.5	453.3	169.9
Lennox-Addison	16	224	61	5.0	1,911	25.0	85.0	146.7	51.8
Manitoulin	8	3	4	0.1	30	0.3	0.8	1.4	0.5
Middlesex	348	5,275	1,923	119.8	23,354	323.8	870.8	1,538.5	649.4
Muskoka	46	191	64	4.3	1,451	18.8	90.1	133.0	40.6
Nipissing	65	518	184	11.2	3,030	38.2	91.5	181.7	82.9
Northumberland	84	957	354	21.3	5,450	71.6	175.6	396.4	210.3
Oxford	154	1,849	781	40.9	10,473	130.0	413.8	699.7	260.9
Parry Sound	33	91	28	1.9	972	10.6	26.6	48.2	20.1
Perth	113	1,336	744	26.9	9,222	101.8	292.9	501.8	203.0
Peterborough	91	2,584	701	56.9	9,425	140.3	249.9	521.2	270.3
Prescott	37	202	72	4.4	2,433	29.0	79.4	168.0	82.0
Prince Edward	26	84	25	1.6	831	9.7	27.2	66.1	30.2
R.M. of Durham	265	4,901	1,713	127.7	29,854	495.9	4,155.1	5,383.5	1,247.7
R.M. of Haldimand-Norfolk	95	587	219	12.7	5,065	61.4	265.6	403.9	132.0
R.M. of Halton	313	4,674	1,789	120.3	23,866	371.6	4,324.3	5,252.8	928.7
R.M. of Hamilton-Wentworth	483	11,033	3,949	272.3	61,177	952.5	2,541.5	4,489.0	1,898.3
R.M. of Niagara	436	6,401	2,039	154.0	40,493	656.1	1,487.0	2,850.0	1,268.8
R.M. of Ottawa-Carleton	260	4,770	1,682	104.7	13,920	197.0	377.0	686.5	307.3
R.M. of Peel	694	12,568	4,347	283.7	47,965	666.7	2,282.6	3,820.0	1,506.8
R.M. of Sudbury	63	2,430	520	56.4	9,394	143.0	83.5	341.3	206.3
R.M. of Waterloo	560	7,970	3,360	174.0	49,678	635.1	1,574.5	2,808.4	1,210.3
R.M. of York	441	2,936	1,442	72.4	17,846	230.4	554.0	1,015.8	458.1
Rainy River	20	123	28	3.6	1,302	24.4	59.1	125.1	48.9
Renfrew	101	730	284	14.0	5,414	59.6	115.9	227.5	111.7
Russell	13	5	3	0.1	81	0.8	5.8	7.0	1.2
Simcoe	230	2,354	898	49.3	15,057	177.3	406.2	798.2	364.9
Stormont	64	802	313	17.5	5,654	77.1	267.8	453.2	155.9
Sudbury	21	270	62	5.7	1,788	28.7	64.9	126.9	53.2
Thunder Bay	106	1,551	421	35.1	10,557	167.6	416.6	820.8	340.1
Timiskaming	40	196	53	3.1	1,065	12.1	21.2	43.9	22.0
Victoria	52	329	125	6.6	2,557	28.7	68.5	124.4	53.6
Wellington	207	2,180	877	47.9	13,292	167.6	486.9	896.3	397.9
York (Metropolitan Toronto)	4,130	60,669	31,184	1,548.0	260,934	3,553.3	8,578.8	14,934.7	6,341.1

1) Includes Rainy River

Source: Ministry of Treasury and Economics, Central Statistical Services.

Table 20.4
Principal Manufacturing Statistics by Type of Ownership, Ontario, 1977 and 1978

1977	Individual Owners	Partner-ships	Incorporated Companies	Co-operatives	Total
Manufacturing Activity					
Establishments	1,036	451	9,888	39	11,414
Production and Related Workers					
Male	1,558	1,555	463,504	557	467,174
Female	613	1,024	136,805	180	138,622
Wages ($ million)	20.4	24.4	7,845.3	8.9	7,899.0
Manhours paid (million)	4.4	5.4	1,250.9	1.5	1,262.2
Cost of Fuel and Electricity ($ million)	0.1	0.9	1,307.6	2.0	1,310.7
Cost of Materials and Supplies Used ($ million)	55.0	67.0	32,008.3	125.9	32,256.2
Value of Shipments of Own Manufacture ($ million)	93.7	120.4	55,223.9	153.0	55,590.9
Value Added ($ million)	38.5	52.4	22,436.3	27.5	22,554.7
Total Activity					
Working Owners and Partners	1,030	896	–	–	1,926
Administrative Office and Other Non-Manufacturing Employees					
Male Administration	70	182	168,724	268	169,244
Female Administration	72	105	67,964	147	68,288
Salaries ($ million)	1.3	4.1	4,071.5	5.1	4,082.0
Total Employees (Number)	2,313	2,866	836,997	1,152	843,328
Salaries and Wages ($ million)	21.7	28.5	11,916.8	14.0	11,981.0
Cost of Materials, Supplies and Goods for Resale ($ million)	55.3	69.6	41,988.0	176.4	42,289.2
Value of Shipments and Other Revenue ($ million)	94.1	123.6	66,916.9	206.1	67,340.7
Value Added ($ million)	38.6	53.0	24,149.7	30.1	24,271.4

Table 20.4 (cont'd.)
Principal Manufacturing Statistics by Type of Ownership, Ontario, 1977 and 1978

1978	Individual Owners	Partner-ships	Incorporated Companies	Co-operatives	Total
Manufacturing Activity					
Establishments	1,347	577	11,118	37	13,079
Production and Related Workers					
Male	2,116	2,171	480,535	546	485,368
Female	688	1,410	145,852	181	148,131
Wages ($ million)	28.8	37.7	8,755.4	8.8	8,830.7
Manhours paid (million)	5.8	7.5	1,307.9	1.5	1,322.6
Cost of Fuel and Electricity ($ million)	0.2	1.6	1,532.4	2.0	1,536.3
Cost of Materials and Supplies Used ($ million)	73.7	156.8	37,751.2	128.4	38,110.2
Value of Shipments of Own Manufacture ($ million)	126.3	242.3	64,576.7	166.6	65,111.9
Value Added ($ million)	52.5	84.6	25,739.5	34.0	25,910.5
Total Activity					
Working Owners and Partners	1,326	1,112	–	–	2,438
Administrative Office and Other Non-Manufacturing Employees					
Male Administration	68	316	174,210	196	174,790
Female Administration	68	194	72,103	152	72,517
Salaries ($ million)	1.4	7.5	4,525.6	4.7	4,539.2
Total Employees (Number)	2,940	4,091	872,700	1,075	880,806
Salaries and Wages ($ million)	30.2	45.2	13,281.1	13.4	13,370.0
Cost of Materials, Supplies and Goods for Resale ($ million)	74.3	160.9	48,784.1	174.6	49,193.8
Value of Shipments and Other Revenue ($ million)	126.9	247.2	77,480.8	217.4	78,072.3
Value Added ($ million)	52.5	85.4	27,610.8	38.7	27,787.3

Source: SC, *Manufacturing Industries of Canada: National and Provincial Areas*, Catalogue 31-203.

Table 20.5
Selected Principal Statistics of the Leading Industries[1], Canada and Ontario, 1978

Canada Industry	Estab-lish-ments	Production and related workers		Cost of materials and supplies used	Value of shipments of goods of own manufacture	Value added
		Number	Wages			
				$'000's		
Rank						
1 Petroleum refining	41	7,918	169,875	8,901,457	10,220,111	1,174,772
2 Motor vehicle manufacturers	24	37,233	685,453	8,131,634	10,070,136	1,973,201
3 Pulp and paper mills	144	66,039	1,253,127	3,255,085	7,648,960	3,503,545
4 Slaughtering and meat processors	491	25,710	367,791	4,573,548	5,515,356	952,754
5 Iron and Steel mills	50	44,791	777,594	2,535,245	4,959,619	2,082,750
6 Sawmills and planing mills	1,226	56,101	906,274	2,425,968	4,693,644	2,256,605
7 Motor vehicle parts and accessories	260	47,261	804,477	2,476,209	4,691,976	2,143,798
8 Misc. machinery and equipment mfrs.	1,059	43,334	611,623	1,665,894	3,409,200	1,747,708
9 Dairy products industry	485	14,704	200,208	2,525,029	3,399,838	823,646
10 Smelting and refining	31	22,138	379,118	822,937	2,371,301	1,346,333
11 Miscellaneous food processors n.e.s.	286	13,129	166,299	1,377,339	2,278,897	879,346
12 Metal stamping and pressing ind.	653	22,911	316,639	1,271,964	2,135,003	884,599
13 Commercial printing	2,171	34,210	465,640	804,681	1,883,485	1,082,628
14 Plastic fabricating industry n.e.s.	814	25,893	277,841	818,354	1,553,998	720,724
15 Feed industry	593	5,654	72,900	1,213,912	1,532,794	303,195
16 Communications equipment manufacturers	331	24,030	314,012	528,093	1,532,406	1,019,136
17 Rubber products industry	124	19,915	264,361	715,479	1,505,908	730,588
18 Industrial chemicals (organic) n.e.s.	37	5,657	107,870	819,524	1,444,722	485,540
19 Industrial chem, (inorganic) n.e.s.	97	6,864	132,857	508,982	1,405,884	614,741
20 Publishing and printing	599	17,212	243,056	355,114	1,315,659	951,504

Table 20.5 (cont'd.)
Selected Principal Statistics of the Leading Industries[1], Canada and Ontario, 1978

Canada Industry	Estab-lish-ments	Production and related workers		Cost of materials and supplies used	Value of shipments of goods of own manufacture	Value added
		Number	Wages			
				$'000's		
Rank						
21 Fish products industry	347	21,814	234,654	818,711	1,271,724	480,202
22 Misc. metal fabricating inds.	592	19,375	243,910	596,614	1,221,089	618,740
23 Men's clothing factories	478	30,751	271,123	617,832	1,171,547	564,788
24 Mfrs. electrical industrial equipment	243	16,813	214,120	525,675	1,141,348	619,227
25 Women's clothing factories	575	26,008	231,471	608,707	1,119,684	522,156
26 Aircraft and aircraft parts mfrs.	120	18,228	270,415	472,937	1,053,671	795,671
27 Miscellaneous chemical inds. n.e.s.	360	8,590	115,166	530,382	1,027,453	485,937
28 Fruit and veg. canners & preservers	197	9,901	106,855	615,689	984,468	372,573
29 Bakeries	1,440	17,171	203,710	417,030	959,200	520,905
30 Breweries	41	7,113	131,943	258,382	920,543	646,232
31 Wire and wire products mfrs. n.e.s.	274	11,778	155,787	525,093	919,806	387,354
32 Mfrs. pharmaceuticals and medicines	146	7,126	87,217	342,848	910,481	583,659
33 Household furniture mfrs. n.e.s.	779	21,793	226,307	420,546	887,615	459,442
34 Agricultural implement industry	159	11,110	173,719	491,539	875,429	374,368
35 Miscellaneous paper converters	242	11,120	134,477	477,374	866,983	381,949
36 Fab. structural metal ind.	200	12,491	202,317	409,326	856,665	457,427
37 Veneer and plywood mills	86	12,555	191,708	423,009	844,457	402,493
38 Soft drink manufacturers	255	6,290	85,976	403,745	820,281	401,175
39 Poultry processors	87	8,128	90,694	591,604	814,601	208,598
40 Mfrs. of plastics and synthetic resins	55	3,211	55,304	551,023	799,975	233,580

Table 20.5 (cont'd.)
Selected Principal Statistics of the Leading Industries[1], Canada and Ontario, 1978

Ontario Industry	Estab-lish-ments	Production and related workers		Cost of materials and supplies used	Value of shipments of goods of own manufacture	Value added
		Number	Wages			
				$'000's		
Rank						
1 Motor vehicle manufacturers	11	31,083	578,856	7,124,668	8,750,579	1,660,572
2 Motor vehicle parts & accessories	204	45,918	789,152	2,441,526	4,617,798	2,104,594
3 Iron and steel mills	20	34,895	618,699	2,028,706	3,937,296	1,653,559
4 Petroleum refining	11	2,829	64,917	2,833,045	3,279,551	406,387
5 Misc. machinery and equipment mfrs.	588	26,081	356,669	1,122,716	2,250,140	1,115,673
6 Slaughtering and meat processors	173	9,481	143,895	1,551,391	1,918,225	372,531
7 Pulp and paper mills	37	17,797	320,308	828,876	1,780,255	742,298
8 Metal stamping and pressing ind.	325	14,098	195,864	824,109	1,352,082	534,682
9 Miscellaneous food processors n.e.s.	118	7,190	93,508	742,219	1,245,338	486,193
10 Dairy products industry	174	4,832	64,306	873,962	1,144,748	261,603
11 Industrial chemicals (organic) n.e.s.	19	4,617	87,014	600,525	1,058,020	344,710
12 Rubber products industries	72	12,654	172,043	469,409	997,630	491,893
13 Communications equipment mfrs.	187	15,274	193,882	338,096	986,058	643,563
14 Plastics fabricating industry n.e.s.	423	16,390	176,715	516,768	985,178	456,935
15 Commercial printing	969	16,979	231,980	399,619	975,095	580,914
16 Misc. metal fabricating inds.	362	13,776	172,763	462,912	927,663	456,615
17 Mfrs. electrical industrial equip.	148	12,838	165,594	365,715	832,053	470,571
18 Fruit & veg. canners & preservers	100	6,111	68,524	397,101	651,781	256,579
19 Publishing and printing	229	6,771	97,875	164,425	636,382	467,508

Table 20.5 (cont'd.)
Selected Principal Statistics of the Leading Industries[1], Canada and Ontario, 1978

Ontario Industry	Estab-lish-ments	Production and related workers		Cost of materials and supplies used	Value of shipments of goods of own manufacture	Value added
		Number	Wages			
			$'000's			
Rank						
20 Mfrs. of soap and cleaning compounds	54	2,990	46,836	299,660	589,095	306,766
21 Miscellaneous chemical inds. n.e.s.	171	4,221	55,479	320,685	587,880	262,355
22 Miscellaneous paper converters	124	7,413	92,665	324,880	587,020	256,570
23 Agricultural implement industry	59	7,200	126,142	333,909	568,353	236,839
24 Wire and wire products mfrs. n.e.s.	158	7,503	99,825	328,200	567,777	232,984
25 Industrial chem. (inorganic) n.e.s.	31	2,673	53,449	170,801	542,416	258,584
26 Instrument & related products mfrs.	123	6,226	77,267	241,333	536,221	304,660
27 Feed industry	203	2,126	27,812	402,052	527,059	119,980
28 Hardware, tool and cutlery mfrs.	516	10,461	146,133	175,249	521,238	352,390
29 Manufacturers of major appliances	22	5,443	71,489	256,133	490,590	225,971
30 Mfrs. pharmaceuticals and medicines	80	4,054	48,800	160,175	479,823	326,651
31 Aircraft and aircraft parts mfrs.	43	7,523	112,451	204,007	451,385	320,584
32 Jewellery and silverware ind.	147	3,480	37,232	335,910	439,634	113,473
33 Household furniture mfrs. n.e.s.	308	10,369	109,082	209,020	437,312	223,592
34 Automobile fabric accessories ind.	19	5,835	85,213	221,669	423,727	197,724
35 Mfrs. of electric wire and cable	19	3,580	51,652	303,702	414,712	124,864
36 Confectionary manufacturers	44	4,076	44,980	206,545	398,665	193,789
37 Sawmills and planing mills	225	5,752	74,847	187,757	396,084	197,297
38 Boiler and plate works	45	3,298	65,027	215,561	393,950	175,889

1) Rank relates only to industries for which data can be published.

Source: SC, *Manufacturing Industries of Canada: National and Provincial Areas* (31-203).

Table 20.6
Motor Vehicle Production, Canada, 1951-1980

	Passenger Cars Production	Motor Trucks and Buses Production	Total Production
1951-1955	1,589,765	550,288	2,139,794
1956	374,727	96,623	471,350
1957	340,381	73,196	413,577
1958	297,373	59,045	356,418
1959	301,435	66,504	367,939
1960	325,785	71,954	397,739
1961	323,638	63,285	386,923
1962	424,581	80,606	505,187
1963	532,243	99,113	631,356
1964	559,603	111,387	670,990
1965	706,810	139,799	846,609
1966	684,547	187,667	872,214
1967	708,281	211,227	919,508
1968	889,386	260,832	1,150,218
1969	1,025,994	300,484	1,326,478
1970	923,437	236,067	1,159,504
1971	1,083,201	263,564	1,346,765
1972	1,135,702	294,382	1,430,084
1973	1,227,432	347,388	1,574,820
1974	1,165,635	359,239	1,524,874
1975	1,044,822	379,184	1,424,006
1976	1,146,264	500,488	1,646,752
1977	1,162,427	612,456	1,774,883
1978	1,143,425	675,067	1,818,492
1979	987,673	643,988	1,631,661
1980	846,777	527,522	1,374,299

Source: Motor Vehicle Manufacturers Association.

Table 20.7
Annual Production of Steel Ingots and Steel Castings for All Industries[1], by Region, Canada 1973–1978

	1973	1974	1975	1976	1977	1978
			'000's Net Tons			
Canada	14,664.9	14,956.2	14,268.2	14,617.3	15,086.5	16,323.6
Ontario	12,040.0	11,926.0	11,652.1	12,543.2	12,599.5	13,339.3
Atlantic Provinces	812.7	792.8	532.9	418.5	428.5	630.2
Québec	930.6	1,240.1	1,151.0	705.4	1,081.5	1,223.5
Prairie Provinces	796.0	882.6	833.1	843.4	868.9	1,003.5
British Columbia	85.6	114.8	99.1	106.7	108.2	127.0

1) Includes details from other industries which manufacture as a secondary activity commodities such as steel ingots and steel castings

Source: SC, *Iron and Steel Mills* (41-203)

Table 20.8
Gross National Product and Index of Industrial Production[1], Canada, 1952-1980

	Gross National Product[3]	Index of Industrial Production					
			Manufacturing				
		Total	Total	Non-Durable	Durable	Mining[4]	Electric Power, Gas and Water Utilities
	$ Million	1971 = 100					
1952	24,588	35.2	38.9	39.8	37.9	25.9	22.2
1953	25,833	37.8	41.7	42.6	40.8	28.2	23.3
1954	25,918	37.8	40.8	43.3	38.2	31.3	25.3
1955	28,528	41.9	44.7	46.5	43.1	37.0	28.4
1956	32,058	46.3	48.9	50.2	47.6	43.0	31.5
1957	33,513	47.1	48.8	51.4	46.2	47.2	33.8
1958	34,777	46.8	47.9	52.3	43.5	47.9	37.0
1959	36,846	50.8	51.4	55.9	46.9	54.2	41.8
1960	38,359	51.9	52.3	57.4	47.1	54.3	45.3
1961	39,646	54.0	54.4	60.2	48.6	55.7	47.9
1962	42,927	58.6	59.4	64.0	54.8	59.6	50.5
1963	45,978	62.3	63.4	67.3	59.5	62.2	53.5
1964	50,280	68.0	69.5	72.6	66.2	67.0	58.0
1965	55,364	73.8	75.8	76.5	75.1	70.5	62.4
1966	61,828	79.2	81.5	81.6	81.5	74.1	67.9
1967	66,409	82.3	83.9	84.0	83.9	79.9	72.6
1968	72,586	87.6	89.1	88.4	89.7	86.2	78.2
1969	79,815	93.6	95.8	94.8	96.8	86.9	85.4
1970	85,685	94.9	94.5	95.7	93.2	98.7	93.3
1971	94,450	100.0	100.0	100.0	100.0	100.0	100.0
1972	105,234	107.5	107.1	107.3	107.0	106.5	111.4
1973	123,560	118.1	117.6	114.6	120.6	119.3	120.7
1974	147,528	122.2	122.0	117.5	126.5	117.3	130.2
1975	165,343[r]	114.9	114.3	112.0	116.6	107.1	130.7
1976[r]	191,031	121.2	120.6	118.7	122.4	109.8	142.6
1977[r]	208,806	123.9	122.2	120.4	124.1	114.3	151.8
1978[r]	229,698	129.0	129.2	127.2	131.3	106.9	158.9
1979[r]	260,305	135.0	134.2	133.8	134.5	116.3	168.7
1980	288,136	132.9	130.7	132.7	128.6	118.3	173.3

1) Without seasonal adjustment.
2) Data for 1952 to 1970 have been revised to the 1971 = 100 base from 1961 = 100.
3) Current dollars at market prices.
4) Includes milling, quarries and oil wells.

Source: SC, *Indexes of Real Domestic Product by Industry*. (61-005).

Table 20.9

Industrial Distribution of Ontario's Commodity Production, 1950-1978[1]

Industrial Structure Within Ontario:
Percentage Distribution of Census Value Added in Goods Producing Industries

	Secondary Industries			Primary Industries							Total Non-Agricultural Ind.
	Total	Manufacturing	Construction	Total	Electric Power	Mining	Forestry	Fisheries	Trapping	Agriculture	
1950	81.0	68.0	13.0	19.1	2.4	3.6	2.0	0.1	0.1	10.9	89.1
1951	80.7	67.7	13.0	19.3	2.4	3.4	2.2	0.1	0.1	11.1	88.9
1952	82.5	69.3	13.2	17.6	2.6	3.3	2.1	0.1	0.1	9.4	90.6
1953	84.2	69.3	14.9	15.9	2.8	3.1	1.6	0.1	0.1	8.2	91.8
1954	84.0	67.8	16.2	16.0	3.1	3.4	1.7	0.1	--	7.7	92.3
1955	84.7	69.5	15.2	15.4	3.3	3.5	1.8	0.1	0.1	6.6	93.4
1956	85.2	69.3	15.9	14.7	3.3	3.5	1.8	0.1	--	6.0	94.0
1957	84.5	67.1	17.4	15.4	3.3	4.1	1.7	0.1	--	6.2	93.8
1958	82.9	64.6	18.3	17.1	3.4	5.3	1.2	0.1	--	7.1	92.9
1959	82.9	66.8	16.1	17.1	3.6	6.0	1.4	0.1	--	6.0	94.0
1960	82.2	66.5	15.7	17.8	3.9	5.7	1.7	0.1	--	6.4	93.6
1961	79.9	67.9	12.0	20.1	4.0	7.1	1.5	0.1	--	7.4	92.6
1962	81.5	69.7	11.8	18.5	3.8	6.1	1.3	0.1	--	7.2	92.8
1963	83.1	71.2	11.9	16.9	3.7	5.5	1.0	0.1	--	6.6	93.4
1964	83.9	72.3	11.6	16.1	3.5	5.5	0.9	0.1	0.1	6.0	94.0
1965	84.6	72.8	11.8	15.4	3.4	5.1	0.8	0.1	--	6.0	94.0
1966	85.1	71.4	13.7	14.9	3.3	4.1	0.9	--	--	6.6	93.4
1967	84.9	71.0	13.9	15.1	3.4	5.0	0.8	--	--	5.9	94.1
1968	84.8	71.3	13.5	15.2	3.5	5.3	0.7	--	--	5.7	94.3
1969	85.7	72.0	13.7	14.3	3.6	4.4	0.7	--	--	5.6	94.4
1970	85.2	71.2	14.0	14.8	3.6	5.3	0.7	--	--	5.2	94.8
1971	87.9	72.3	15.5	12.1	3.4	4.2	0.6	--	--	3.9	96.1
1972	87.8	72.1	15.7	12.2	3.4	4.2	0.6	--	--	4.0	96.0
1973	85.5[r]	70.5[r]	15.0	14.5[r]	3.6[r]	5.2	0.6	--	--	5.1	94.9
1974	85.3[r]	70.6[r]	14.7	14.7[r]	3.4[r]	5.9	0.7	--	--	4.7	95.3
1975	85.7[r]	70.4[r]	15.3	14.3[r]	3.4[r]	4.8	0.6	--	--	5.4	94.6
1976	86.4[r]	69.7[r]	16.7	13.6[r]	3.8[r]	4.6	0.6	--	--	4.4	95.6
1977	85.8[r]	70.1[r]	15.7	14.2[r]	4.8[r]	4.1	0.7	--	--	4.5[r]	95.5[r]
1978	86.3	71.8	14.5	13.7	5.0	3.7	0.7	--	--	4.3	95.7

1) Adoption of the 1960 Standard Industrial Classification has brought about changes in data for mining and manufacturing from 1959 onward and again in manufacturing from 1961 onward. As a result, the series for these statistics and for totals which include these statistics are discontinuous at 1959 and 1961.

Source: SC, *Survey of Production* (61-202).

Table 20.10
Position of Ontario's Commodity Production in Canada, 1950-1978

	Ontario Percentage of Canada Census Value Added in Goods Producing Industries											
	All Commodity-Producing Industries	Secondary Industries			Primary Industries							Total Non-Agricultural Industries
		Total	Manufacturing	Construction	Total	Electric Power	Mining	Forestry	Fisheries	Trapping	Agriculture	
1950	41.2	48.8	51.6	37.9	24.8	34.1	24.6	18.4	7.6	26.9	25.8	44.5
1951	40.1	48.5	51.4	37.4	23.4	35.0	23.2	17.9	6.9	26.3	23.8	43.9
1952	39.3	47.5	51.2	34.5	21.7	35.0	23.4	18.8	8.0	25.9	20.2	43.6
1953	40.8	47.6	51.7	34.8	23.3	36.6	23.3	17.4	7.8	29.3	22.6	44.0
1954	41.1	46.3	49.7	35.9	26.0	36.8	21.8	17.0	7.2	27.3	29.6	42.5
1955	40.5	46.8	50.6	34.9	23.3	38.4	20.8	17.2	7.4	24.6	23.3	42.8
1956	39.9	46.2	50.7	33.4	22.3	39.5	20.1	16.5	7.5	24.2	21.5	42.2
1957	42.1	47.0	51.4	35.3	26.9	39.3	23.7	19.4	7.4	23.5	29.0	43.4
1958	42.2	46.7	50.2	37.5	28.8	38.2	30.6	17.0	6.2	25.7	28.9	43.8
1959	42.2	46.8	51.5	34.0	28.7	37.9	32.6	18.3	4.6	25.2	26.7	43.9
1960	41.3	46.0	50.3	33.8	27.9	38.0	30.5	19.2	4.9	22.9	26.2	43.0
1961	42.5	46.7	50.8	33.2	30.2	37.1	31.4	17.3	5.2	21.1	31.5	43.1
1962	41.6	47.5	51.3	34.1	26.0	36.3	27.0	15.8	4.1	23.7	25.5	43.2
1963	42.1	48.5	52.3	34.9	24.4	35.8	24.4	17.7	4.2	28.3	22.4	44.2
1964	42.4	48.5	52.6	33.5	24.6	35.4	23.5	16.2	3.5	30.2	24.1	43.9
1965	42.6	48.4	53.3	31.9	24.4	35.8	22.3	16.0	4.0	24.6	24.5	44.0
1966	42.3	48.6	53.3	34.1	23.2	35.4	19.2	17.1	3.4	29.0	24.3	44.0
1967	43.5	48.7	53.9	34.2	25.2	34.6	22.3	16.5	3.6	24.9	27.5	44.2
1968	43.8	49.0	54.0	35.0	25.1	34.6	22.8	15.3	3.2	27.6	27.4	44.4
1969	43.4	48.8	53.7	34.8	24.0	34.7	19.5	15.1	4.0	30.1	26.9	44.0
1970	43.6	49.7	53.5	36.5	25.6	34.2	22.1	16.1	3.2	26.2	29.0	44.8
1971	43.5	49.5	54.1	35.5	23.1	34.5	18.9	15.3	3.4	24.7	25.3	44.8
1972	43.9	49.8	53.9	36.9	23.7	35.4	18.9	14.2	3.4	24.9	27.7	45.0
1973	42.3	49.2	53.4	35.9	23.3[r]	38.0[r]	19.2	13.1	3.2	26.3[r]	25.6	43.8
1974	41.3	48.6	52.9	35.0	22.1[r]	37.6[r]	18.6	15.1	3.3	27.7[r]	23.2	43.0
1975	39.3	46.7	51.9	31.8	20.2[r]	34.7[r]	14.0	15.7	3.8	26.9[r]	25.0	40.7
1976	38.5	45.8	52.0	30.7	19.1[r]	35.1[r]	12.9	14.6	3.2	25.4[r]	23.5	39.7[r]
1977	38.2	45.6	51.8[r]	29.6	19.4[r]	38.0[r]	10.7	16.1	2.9	24.7[r]	27.8[r]	38.9
1978	37.4	45.0	50.9	28.5	18.1	36.3	9.7[p]	15.4	2.4	24.2	24.8	38.2

1) Adoption of the 1960 Standard Industrial Classification has brought about changes in data for mining and manufacturing from 1959 onward and again in manufacturing from 1961 onward. As a result the series for these statistics and for totals which include these statistics are discontinuous at 1959 and 1961.

Source: SC, *Survey of Production*, (61-202).

Table 20.11
Real Domestic Product by Industry, Canada, 1971-1979

	1971 weight	1972	1973	1974	1975	1976[r]	1977[r]	1978[r]	1979
					1971 = 100				
Real Domestic Product	100.000	105.5	113.6	119.0	119.8	126.2	129.7	134.3	138.5
Agriculture	3.371	88.5	93.7	89.8	98.0	105.0	105.8	110.1	108.1
Forestry	0.802	102.4	123.9	117.8	97.6	104.6	111.5	118.8	123.3
Fishing and Trapping	0.178	95.5	100.4	89.3	88.3	102.3	115.2	125.7	132.4
Mines (including milling), Quarries and Oil Wells	3.819	106.5	119.3	117.3	107.1	109.8	114.3	106.9	116.3
Manufacturing Industries	22,753	107.1	117.6	122.0	114.3	120.6	122.2	129.2	134.2
Construction Industry	6.990	102.4	107.5	112.6	116.7	122.8	121.8	120.8	123.2
Transportation, Storage and Communication	9.050	107.0	116.3	124.0	126.9	134.4	141.5	147.6	156.5
Electric Power, Gas and Water Utilities	2.658	111.4	120.7	130.2	130.7	142.6	151.8	158.9	168.7
Trade	11.561	109.2	118.9	128.0	128.8	134.9	135.9	140.6	144.6
Wholesale Trade	4.756	108.1	117.9	126.6	121.8	126.3	125.7	130.5	135.7
Retail Trade	6.805	110.0	119.6	129.0	133.8	140.8	143.0	147.7	150.8
Finance, Insurance and Real Estate	11.853	106.0	114.7	120.6	127.8	135.5	143.3	148.6	153.4
Community, Business and Personal Service Industries	19.539	104.2	108.8	115.0	119.9	126.3	130.4	135.1	137.7
Public Administration and Defence	7.425	104.3	109.8	114.0	119.6	123.0	126.1	129.1	128.6

Source: SC, *Indexes of Real Domestic Product by Industry*, (61-213).

Section
21

Investment and Construction

Highlights

- **Investment** – In Ontario in 1981, capital and repair expenditures amounted to $28.6 billion, which represented 29.6 per cent of the Canada total. Of the Ontario total, construction accounted for 46.8 per cent; machinery and equipment accounted for 53.2 per cent.

  Of the $28.6 billion of capital and repair investment in Ontario in 1981, the manufacturing sector expended 28.4 per cent; utilities, 21.0 per cent; housing, 16.2 per cent; government departments, 7.8 per cent; and commercial services, 6.2 per cent.

  In 1981, of the $8.1 billion spent in Ontario for capital and repair investment in the manufacturing sector, 22.7 per cent was spent in Toronto, 14.3 per cent in Hamilton and 8.9 per cent in Windsor.

  Of Ontario's $21.6 billion of private and public investment in 1981, 49.3 per cent was invested in construction and 50.7 per cent in new machinery and equipment. Of the Ontario total, primary industries accounted for 9.8 per cent; manufacturing, 25.6 per cent; utilities, 21.4 per cent; trade and finance, 16.8 per cent; housing, 15.8 per cent; and institutions and government departments, 10.6 per cent.

- **Value of Construction** – Forecast figures for the value of total building construction in Ontario indicate that the figure will reach $7.78 billion in 1979. Of this total, residential construction is likely to account for 59.7 per cent; industrial for 11.3 per cent; commercial for 18.0 per cent; institutional for 5.9 per cent; and other construction for 5.0 per cent.

  The total value of engineering construction decreased by 0.4 per cent between 1978 and 1979 to reach $3.8 billion out of which 19.7 per cent was allocated to electric power construction; 21.8 per cent to road, highway and aerodrome construction; 17.5 per cent of waterworks and sewage systems; and 14.0 per cent to railway, telephone and telegraph.

  Between 1979 and 1980, the total value of construction work performed rose by 6.3 per cent to $12.3 billion of which 38.7 per cent consisted of labour costs and 37.6 per cent of the cost for materials used. The value of new work (as opposed to repair work) totalled $9.7 billion, or 79.1 per cent of the total value of construction work performed in Ontario in 1980.

- **Building Permits** – In Ontario in 1980, 38,502 residential building permits were issued, a decrease of 29.6 per cent from the previous year's total. Of this total, single dwellings accounted for 47.9 per cent; apartments, 30.1 per cent; double dwellings, 10.4 per cent; row housing, 8.1 per cent; and others, 3.4 per cent.

  The value of building permits in Ontario increased by 1.8 per cent, to $4.4 billion from 1979 to 1980. Of this total value of building permits, residential construction accounted for 44.5 per cent, industrial construction for 16.1 per cent commercial construction for 29.7 per cent, and institutional and government construction for 9.7 per cent.

- **Dwelling Starts** – In Ontario from 1979 to 1980, the number of dwelling starts decreased by 29.5 per cent to 40,127, the number of completions fell 56.2 per cent to 33,560 and the number of dwellings under construction fell 30.5 per cent to 31,187. Of the total number of dwelling starts in 1980, single detached accounted for 46.6 per cent, semi-detached and duplexes for 11.5 per cent, row for 9.5 per cent, and apartment and others for 32.3 per cent.

Definitions

Capital Expenditures – Include the cost of procuring, constructing and installing new durable plant and machinery, whether for replacement of worn or obsolete assets, or as gross additions to existing assets. Included are all capitalized costs such as architectural, legal and engineering fees, as well as the value of work on capital assets undertaken by firms with their own labour force. Gross outlays are reported without any deduction for scrap or trade-in value of old assets. Excluded are expenditures made for the acquisition of previously existing structures, for used machinery and equipment unless imported and for land since outlays of this type

involve only the transfer of property and not the creation of a capital asset. Housing is not generally considered a capital expenditure but it has been included because it forms a large proportion of construction expenditures and has cyclical fluctuations similar to those which characterize business, institutional and government capital expenditures.

Construction – As it pertains to investment, includes building construction and all types of engineering construction such as roads, dams, transmission lines and pipelines, as well as oil drilling and mine development.

Machinery and Equipment – Takes into account the purchase of all such items which are used either in producing goods or providing services but does not cover durable goods purchased for personal use. As well as industrial machinery, transportation equipment, agricultural implements, professional and scientific equipment, office and store furnishings and other similar capital goods are included. Excluded are outlays for defence equipment.

Repair Expenditures – Represent the non-capitalized outlays made to maintain the operating efficiency of the existing stock of durable physical assets. These repair and maintenance expenditures exclude, however, the routine care of assets such as in oiling and cleaning of machinery. Where the repair costs are large enough to materially lengthen the expected serviceable life of the assets, increase its capacity or otherwise raise its productivity, they are treated as capital expenditures on new construction or on new machinery and equipment.

NHA – National Housing Act.

CMHC – Canada Mortgage and Housing Corporation.

Building Permit: is the permission or authorization in writing by the authority having jurisdiction to perform work regulated by a building Bylaw. Building permits values therefore represent the value of construction based on estimates provided by local governments issuing building permits and reporting to Statistics Canada. These estimates include the cost of putting up new buildings, additions to existing buildings and changes likely to affect the use or occupancy of a building. Other costs normally charged to capital costs such as architectural, legal, financial and engineering, are not included.

Residential – The classification for residential construction is intended to reflect the value of building permits or construction for new dwellings: single, seasonal, double, row, apartments and conversions; and for alteration and improvements to existing dwellings: additions, structural changes, residential garages and swimming pools, and other improvements to existing dwellings.

Industrial – Includes buildings used for: manufacturing and processing, transportation, communication and other utilities and agriculture, forestry, mine and mine mill buildings.

Commercial – Includes stores, warehouses, garages, office buildings, theatres, hotels, funeral parlours, beauty salons and miscellaneous commercial: signs, posters, heating and plumbing installations, etc.

Institutional and Government – Includes expenditures made by the community, public and government for buildings and structures - schools, universities, hospitals, clinics, churches, homes for the aged, government offices and administration buildings, law enforcement, public protection, national defence, and ancillary buildings such as dormitories, residences, church rectories, gymnasiums, heating plants, and laundries and cafeterias for hospitals, schools and universities.

Dwelling Unit – A structurally separate set of self-contained living premises with a private entrance from outside the building or from a common hall, lobby or stairway inside the building. Such an entrance must be one that can be used without passing through another separate dwelling unit.

Double Dwellings – Structures containing two dwelling units such as duplexes and semi-detached.

Row Dwellings – Are ground oriented one-family dwellings in a structure of three or more attached dwellings.

Apartments – Refer to dwellings contained in a structure with common areas consisting of three or more units such as triplexes, quadruplexes, row duplexes and apartment buildings proper. Flats, regardless of number, which are part of a non-residential structure are also included.

Single-detached (Single Dwelling) – A building containing only one dwelling unit which is completely separated on all sides from any other dwelling or structure.

Semi-detached – One of two dwellings located side-by-side in a building adjoining no other structure and separated by a common or party wall extending from ground to roof.

Duplex – One of two dwelling units located one above the other in a building adjoining no other structure.

Conversions – Consist of dwelling units added by modification of existing structures.

Start – The beginning of construction work on a building, usually when the concrete has been poured for the whole of the footing around the structure, or an equivalent stage where a basement will not be part of the structure.

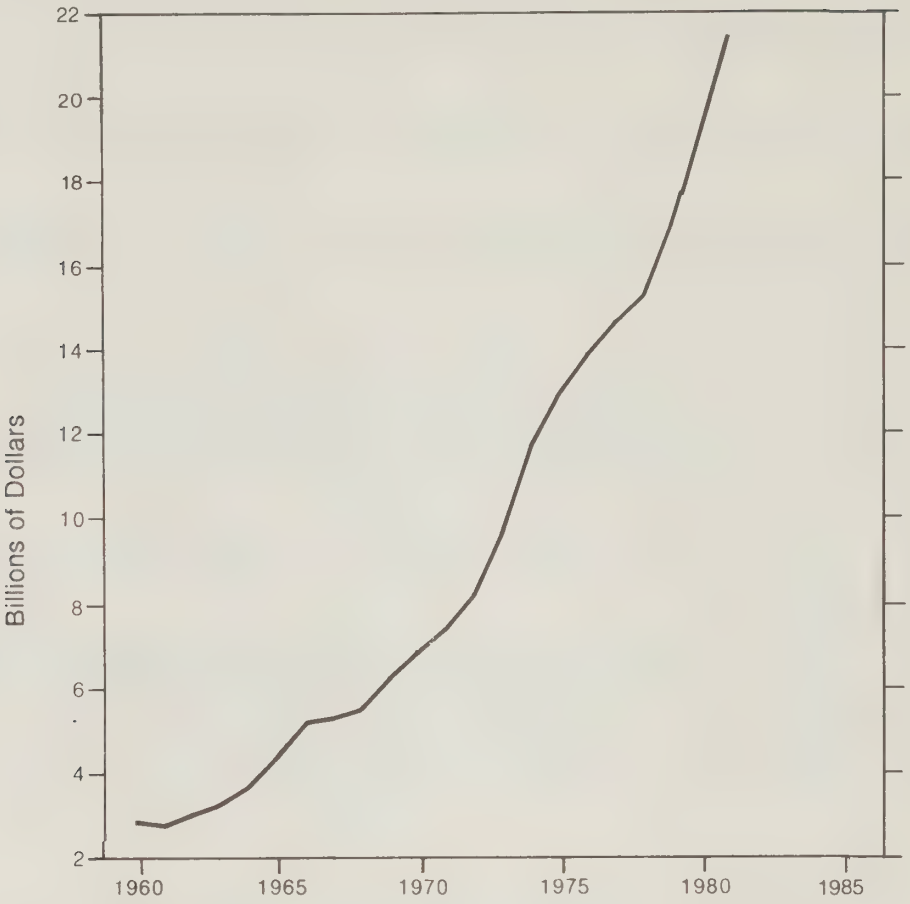
Completion – The stage at which all the proposed construction work on a dwelling unit has been performed. Under some circumstances a dwelling may be counted as completed when no more than 10 per cent of the proposed work remains to be done.

Assisted Home-Ownership – Refers to lending programmes which commenced with the innovative programme in 1970 whereby favourable amortization and interest rates were granted to low income mortgage applicants as an aid in home-ownership. In July 1973, a revised programme was introduced which provided in addition to interest assistance, a federal subsidy of up to $300 per annum. This was extended to $600 per annum in July, 1974. In 1976, the Interest Reduction Loan was introduced to the amount equalling the difference between the actual interest rate of the approved lender and 8%. In addition, both a federal subsidy and a provincial subsidy amounting to $750 annually each are available in special circumstances.

Co-operative Housing – Within the meaning of the National Housing Act, is housing erected by a co-operative association to provide accommodation for persons, the majority of whom are members of the association, who will occupy the housing but not as owners.

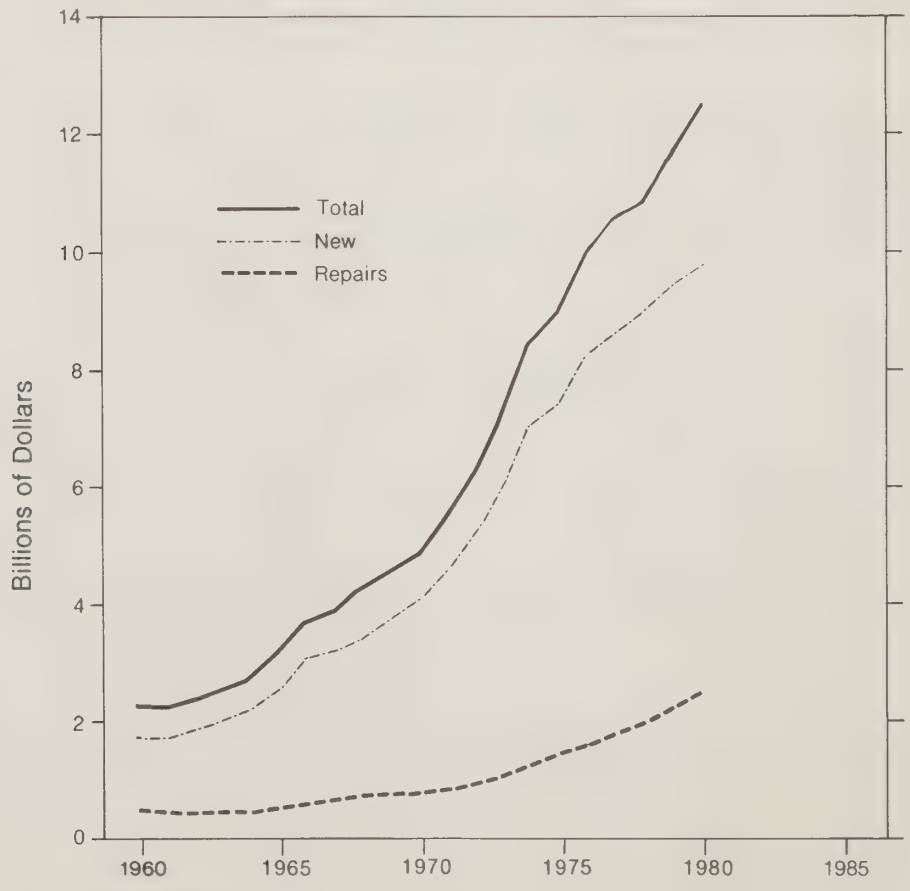
Non-Profit Housing – Church groups, service clubs and neighbourhood groups building non-profit rental housing, a portion of which will be occupied by families and individuals whose incomes are inadequate to meet current rentals on the open market.

Graph 21.A
Private and Public Investment, All Sectors, Ontario, 1960-1981



Refer to Table 21.2

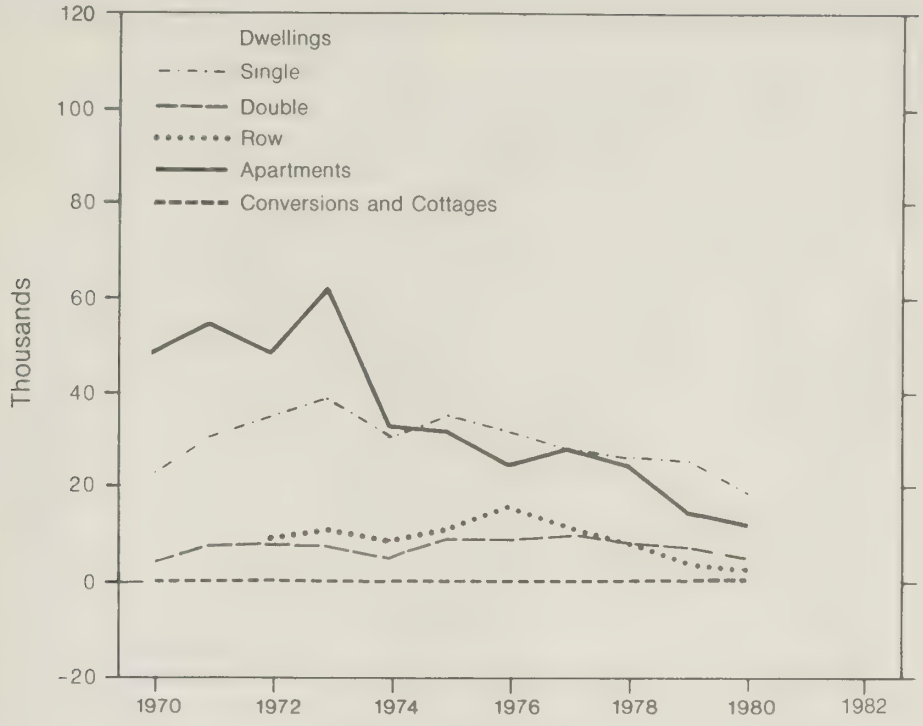
Graph 21.B
Total Value of Construction Work Performed, Ontario, 1960-1980



Refer to Table 21.10.

Graph 21.C

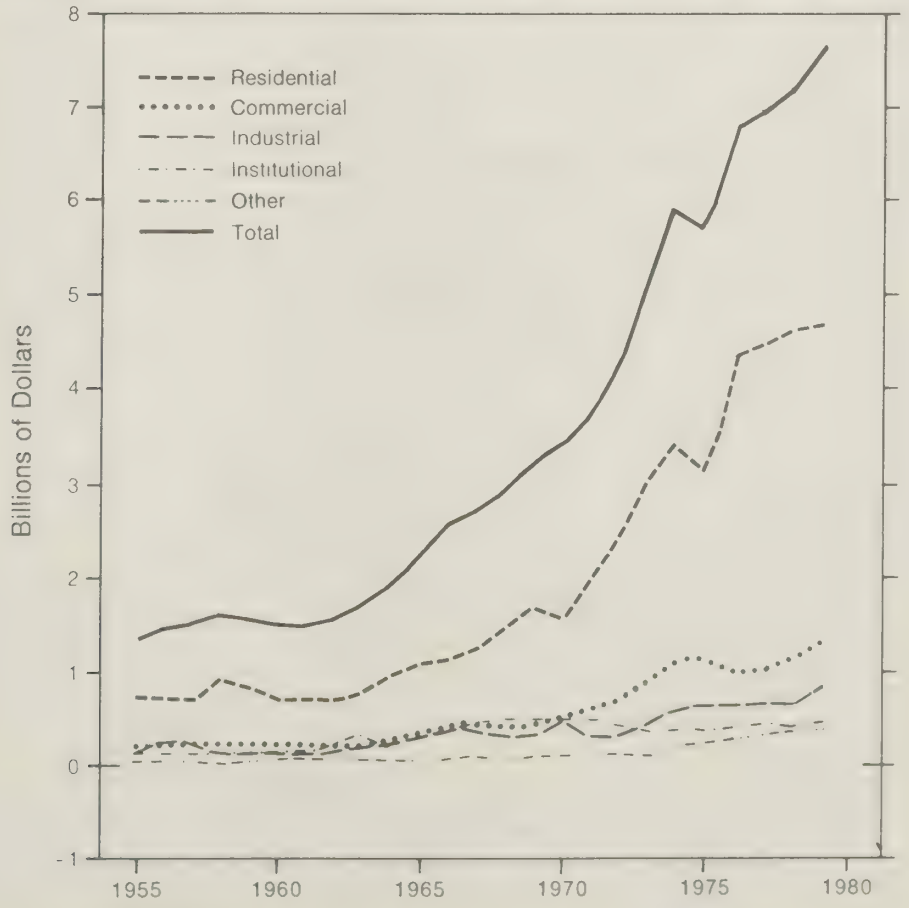
Number of Building Permits Issued, Ontario, 1970-1980



Refer to Table 21.12

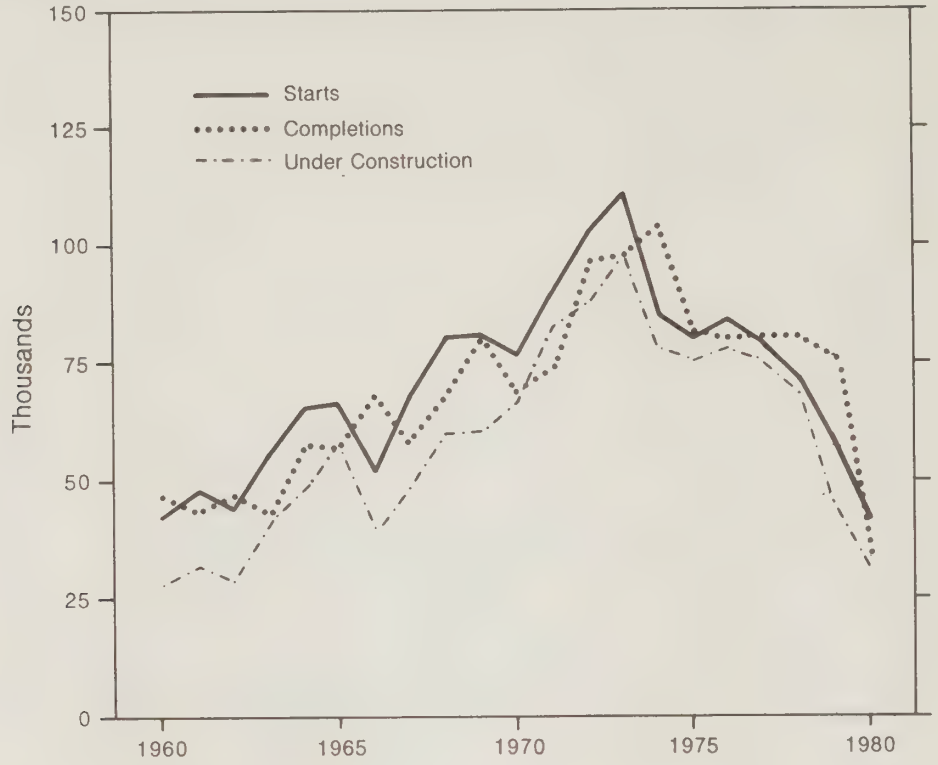
Graph 21.D

Total Value of Building Construction by Type of Structure, Ontario, 1955-1979



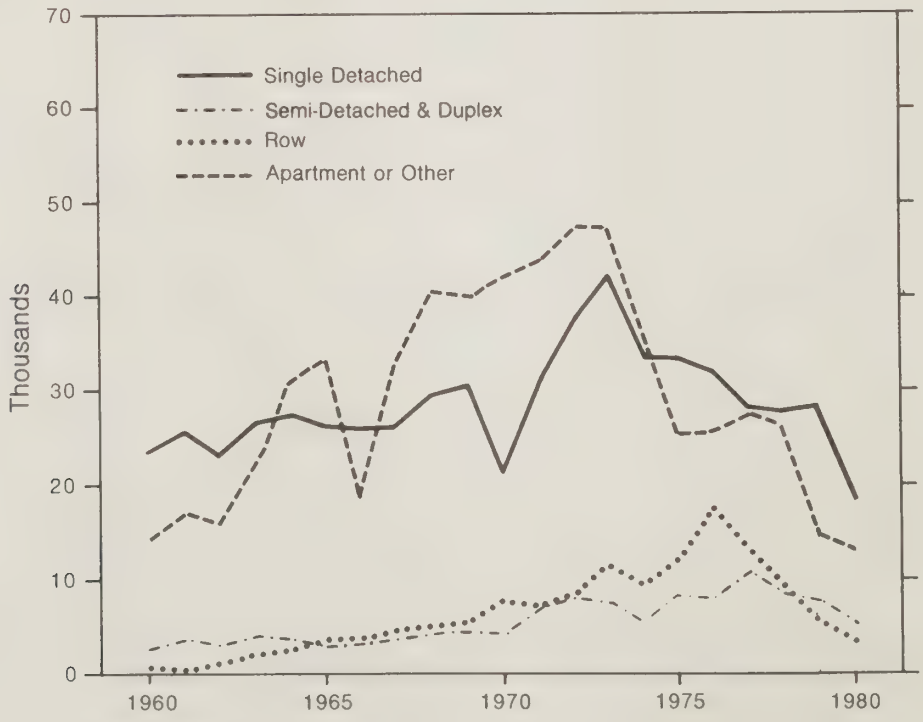
Refer to Table 21.7

Graph 21.E
Number of Dwellings Started, Completed and Under Construction, Ontario, 1960-1980



Refer to Table 21.13.

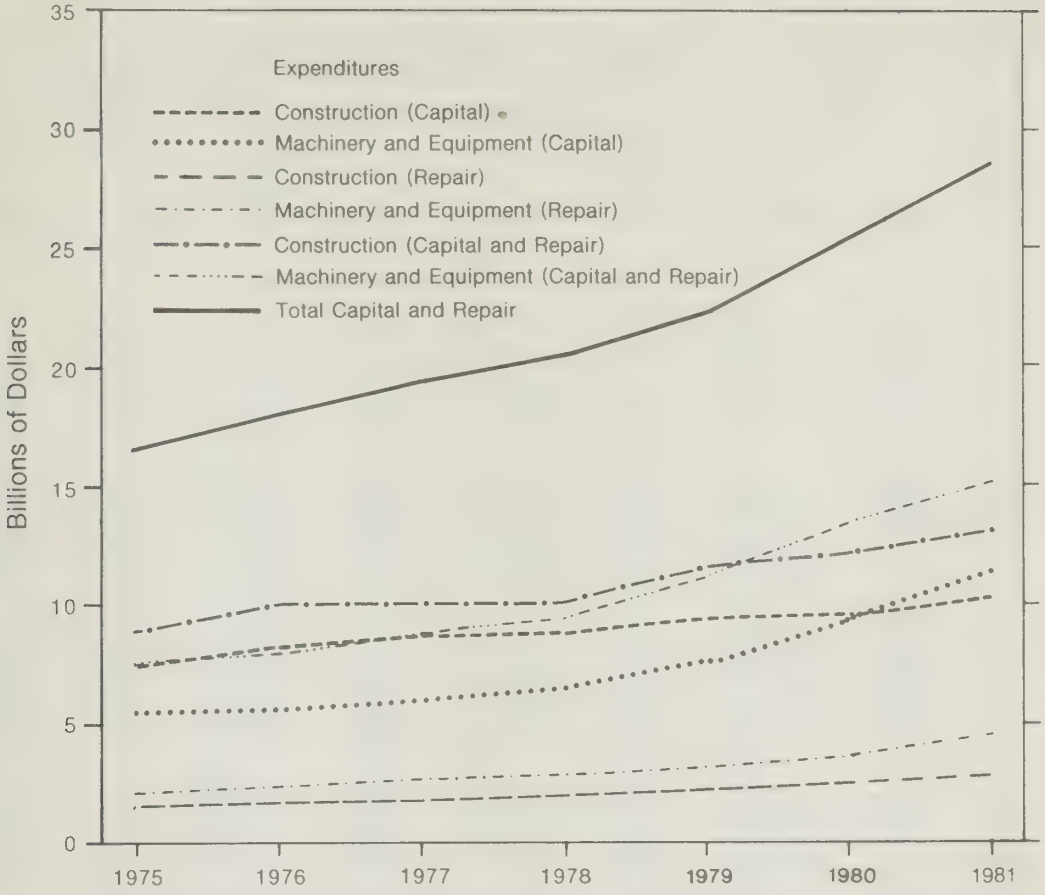
Graph 21.F
Dwelling Starts by Type, Ontario, 1960-1980



Refer to Table 21.14.

Graph 21.G

Capital and Repair Expenditures by Type, Ontario, 1975-1981



Refer to Table 21.3

Table 21.1
Private and Public Investment, Canada and Ontario, 1950-1981[1]

	Construction			New Machinery and Equipment			Total New Capital		
	Canada	Ontario	Ontario as % of Canada	Canada	Ontario	Ontario as % of Canada	Canada	Ontario	Ontario as % of Canada
	Capital Expenditures - $ Million								
1950	2,453	895	36.5	1,483	524	35.3	3,823	1,419	37.1
1951	2,871	1,023	35.6	1,868	717	38.4	4,408	1,740	39.5
1952	3,434	1,137	33.1	2,057	762	37.0	5,491	1,899	34.6
1953	3,756	1,276	34.0	2,220	830	37.4	5,976	2,106	35.2
1954	3,818	1,317	34.5	1,984	772	38.9	5,802	2,089	36.0
1955	4,456	1,486	33.3	2,075	785	37.8	6,531	2,271	34.8
1956	5,435	1,788	32.9	2,761	1,054	38.2	8,196	2,842	34.7
1957	5,880	2,067	35.2	2,933	1,199	40.9	8,813	3,266	37.1
1958	5,954	2,144	36.0	2,534	960	37.9	8,488	3,104	36.6
1959	5,792	1,904	32.9	2,708	966	36.8	8,500	2,900	34.1
1960	5,519	1,828	33.1	2,809	1,028	36.6	8,328	2,856	34.3
1961	5,630	1,794	31.9	2,662	1,000	37.7	8,292	2,794	33.7
1962	5,834	1,936	33.2	2,935	1,118	38.1	8,769	3,054	34.8
1963	6,156	2,088	33.9	3,242	1,194	36.8	9,398	3,282	34.9
1964	7,032	2,249	32.0	3,948	1,498	37.9	10,980	3,747	34.1
1965	8,175	2,533	31.0	4,760	1,846	38.8	12,935	4,378	33.8
1966	9,281	3,088	33.2	5,807	2,173	37.4	15,088	5,261	34.9
1967	9,474	3,173	33.5	5,874	2,185	37.2	15,348	5,357	34.9
1968	9,909	3,485	35.2	5,546	2,094	37.7	15,455	5,579	36.1
1969	10,824	3,825	35.3	6,103	2,482	40.7	16,927	6,308	37.3
1970	11,319	4,127	36.5	6,479	2,801	43.2	17,798	6,928	38.9
1971	13,274	4,662	35.1	6,910	2,798	40.5	20,184	7,460	37.0
1972	14,470	5,253	36.3	7,748	2,984	38.5	22,218	8,237	37.1
1973	16,953	5,981	35.3	9,666	3,734	38.6	26,618	9,715	36.5
1974	20,771	7,088	34.1	12,111	4,728	39.0	32,882	11,816	35.9
1975	24,055	7,493	31.1	14,162	5,428	38.3	38,216	12,920	33.8
1976	28,144	8,370	29.7	15,492	5,578	36.0	43,636	13,948	32.0
1977	30,130	8,725	29.0	16,467	6,008	36.5	46,598	14,732	31.6
1978	31,912	8,914	27.9	18,448	6,647	36.0	50,360	15,561	30.9
1979[r]	35,847	9,220	25.7	22,508	7,873	35.0	58,354	17,093	29.3
1980[p]	39,461	9,470	24.0	25,951	9,391	36.2	65,412	18,861	28.8
1981	46,126	10,646	23.1	30,397	10,933	36.0	76,523	21,579	28.2

1) Preliminary actual 1980, intentions 1981.

Source: SC, *Private and Public Investment in Canada*, (61-205).

Table 21.2
Private and Public Investment by Sector, Ontario, 1950-1981[1]

	Primary Industries and Construction			Manufacturing			Utilities		
	Const.	New Mach.	Total	Const.	New Mach.	Total	Const.	New Mach.	Total
				Capital Expenditures - $ Million					
1950	45	152	197	56	162	218	201	114	315
1951	44	168	212	138	257	395	188	173	361
1952	44	145	189	158	319	477	220	177	397
1953	45	149	194	169	330	499	235	209	444
1954	66	138	204	124	292	416	198	195	393
1955	75	184	259	121	291	412	188	159	347
1956	144	230	374	189	441	630	284	217	501
1957	182	238	420	219	456	675	460	325	785
1958	83	184	267	159	344	503	506	256	762
1959	67	171	238	132	371	503	322	267	589
1960	64	169	233	147	408	555	315	241	556
1961	70	155	225	125	409	534	291	227	518
1962	76	157	233	175	473	648	280	241	520
1963	87	186	273	170	497	667	308	259	567
1964	82	222	304	205	700	905	329	284	613
1965	106	254	360	280	902	1,182	310	380	690
1966	197	308	506	389	1,031	1,420	410	425	836
1967	195	342	537	315	895	1,210	400	494	894
1968	173	326	499	258	742	1,000	473	557	1,031
1969	161	344	505	314	943	1,256	513	638	1,151
1970	214	357	570	440	1,185	1,625	649	685	1,334
1971	213	394	607	312	1,020	1,332	763	791	1,554
1972	215	443	658	314	1,027	1,341	822	764	1,586
1973	229	493	721	372	1,263	1,635	773	1,033	1,806
1974	294	604	898	570	1,683	2,252[r]	902	1,225	2,127
1975	348	704	1,051	738	2,123	2,861	1,313	1,368	2,681
1976	409	802	1,211	830	2,186	3,016	1,047	1,328	2,374
1977	430	852	1,282	950	2,409	3,359	1,102	1,311	2,413
1978	455	898	1,353	803	2,283	3,086	1,293	1,749	3,042
1979[r]	568	1,098	1,667	728	2,817	3,545	1,397	1,959	3,356
1980[p]	660	1,123	1,783	949	3,819	4,767	1,610	2,156	3,765
1981	868	1,243	2,112	955	4,568	5,523	2,009	2,605	4,614

Table 21.2 (cont'd.)
Private and Public Investment by Sector, Ontario, 1950-1981[1]

	Trade, Finance and Commercial Services			Housing	Institutions and Government Depts.			Total		
	Const.	New Mach.	Total	Total[2]	Const.	New Mach.	Total	Const.	New Mach.	Total
	Capital Expenditures - $ Million									
1950	91	76	167	318	184	21	205	895	524	1,419
1951	86	89	175	333	234	30	264	1,023	717	1,740
1952	64	73	137	310	341	49	390	1,137	762	1,899
1953	121	97	218	400	305	45	350	1,276	830	2,106
1954	146	109	255	485	298	38	336	1,317	772	2,089
1955	143	118	261	606	353	34	387	1,486	785	2,271
1956	147	124	271	602	424	42	466	1,788	1,054	2,842
1957	169	140	309	559	478	40	518	2,067	1,199	3,266
1958	162	123	285	718	516	53	569	2,144	960	3,104
1959	163	134	297	663	558	53	611	1,904	996	2,900
1960	169	150	319	551	581	59	640	1,828	1,028	2,856
1961	165	148	313	543	599	61	660	1,794	1,000	2,794
1962	163	164	328	562	679	83	763	1,936	1,118	3,054
1963	161	170	331	599	763	82	845	2,088	1,194	3,282
1964	205	195	399	774	655	98	752	2,249	1,498	3,747
1965	248	212	460	803	786	98	884	2,533	1,846	4,378
1966	280	270	551	876	935	137	1,073	3,088	2,173	5,261
1967	307	310	617	921	1,035	144	1,179	3,173	2,185	5,357
1968	285	308	593	1,184	1,111	159	1,271	3,484	2,094	5,579
1969	296	410	706	1,425	1,116	148	1,264	3,825	2,482	6,308
1970	388	424	811	1,287	1,150	150	1,300	4,127	2,801	6,928
1971	469	416	884	1,642	1,263	179	1,441	4,662	2,798	7,460
1972	564	547	1,111	2,037	1,302	202	1,504	5,253	2,984	8,237
1973	749	711	1,460	2,577	1,282	234	1,516	5,981	3,734	9,715
1974	884	898	1,782	2,872	1,566	319	1,885	7,088	4,728	11,816
1975	864	907	1,771	2,554	1,677	327	2,003	7,493	5,428	12,920
1976	868	940	1,808	3,611	1,605	324	1,929	8,370	5,578	13,948
1977	864	1,070	1,935	3,746	1,632	365	1,997	8,725	6,008	14,732
1978	947	1,374	2,321	3,699	1,718	343	2,061	8,914	6,647	15,561
1979[r]	1,185	1,659	2,844	3,548	1,794	340	2,133	9,220	7,873	17,093
1980[p]	1,330	1,910	3,240	3,116	1,805	384	2,189	9,470	9,391	18,861
1981	1,530	2,092	3,622	3,415	1,870	424	2,294	10,646	10,933	21,579

1) Preliminary actual 1980, intentions 1981.
2) The housing category consists of construction only.

Source: SC, *Private and Public Investment in Canada*, (61-205).

Table 21.3
Capital and Repair Investment by Type, by Province, Canada, 1975-1981[1]

		Capital Expenditures		Repair Expenditures		Capital and Repair Expenditures		
		Construc-tion	Machinery and Equipment[2]	Construc-tion	Machinery and Equipment	Construc-tion	Machinery and Equipment[2]	Total
					$ Million			
Canada	1975	24,054.5	14,161.7	4,320.0	5,835.2	28,374.5	19,996.9	48,371.4
	1976	28,144.1	15,492.2	4,984.7	6,790.5	33,128.8	22,282.7	55,411.5
	1977	30,130.2	16,467.3	5,673.5	7,496.3	35,803.7	23,963.6	59,767.3
	1978	31,911.8	18,447.8	6,278.3	8,417.5	38,190.1	26,865.3	65,055.4
	1979[r]	35,846.7	22,507.7	7,175.7	9,798.0	43,022.4	32,305.7	75,328.1
	1980[p]	39,461.1	25,950.6	7,606.8	10,820.7	47,067.9	36,771.3	83,839.2
	1981	46,126.0	30,397.2	8,292.0	11,894.8	54,418.0	42,292.0	96,710.0
Ontario	1975	7,492.5	5,427.8	1,496.0	2,138.5	8,988.5	7,566.3	16,554.8
	1976	8,370.0	5,578.2	1,695.8	2,484.7	10,065.8	8,062.9	18,128.7
	1977	8,724.5	6,007.7	1,889.0	2,788.7	10,613.5	8,796.4	19,409.9
	1978	8,914.4	6,647.0	2,065.2	3,099.1	10,979.6	9,746.1	20,725.7
	1979[r]	9,220.0	7,873.3	2,350.4	3,574.4	11,570.4	11,447.7	23,018.1
	1980[p]	9,469.9	9,390.9	2,537.8	3,889.8	12,007.7	13,280.7	25,288.4
	1981	10,646.4	10,932.8	2,743.9	4,297.2	13,390.3	15,230.0	28,620.3
Newfoundland	1975	527.7	186.5	88.9	165.8	616.6	352.3	968.9
	1976	636.3	192.9	96.7	205.7	733.0	398.6	1,131.6
	1977	511.7	200.1	111.5	197.3	623.2	397.4	1,020.6
	1978	533.9	250.4	108.6	191.8	642.5	442.2	1,084.7
	1979[r]	733.7	300.9	128.6	276.7	862.3	577.6	1,439.9
	1980[p]	709.3	347.8	124.9	274.6	834.2	622.4	1,456.6
	1981	945.7	367.6	145.4	292.9	1,091.1	660.5	1,751.6
Prince Edward Island	1975	82.9	34.8	24.5	12.5	107.4	47.3	154.7
	1976	73.6	37.7	26.5	18.0	100.1	55.7	155.8
	1977	86.0	44.5	32.6	16.5	118.6	61.0	179.6
	1978	127.9	43.8	37.6	19.5	165.5	63.3	228.8
	1979[r]	145.0	56.4	38.1	28.0	183.1	84.4	267.5
	1980[p]	129.4	53.8	34.6	26.8	164.0	80.6	244.6
	1981	123.9	69.2	38.2	28.8	162.1	98.0	260.1
Nova Scotia	1975	636.5	285.1	127.9	144.5	764.4	429.6	1,194.0
	1976	728.6	312.7	145.1	169.2	873.7	481.9	1,355.6
	1977	726.8	313.7	187.9	181.4	914.7	495.1	1,409.8
	1978	783.5	406.2	215.4	219.2	998.9	625.4	1,624.3
	1979[r]	860.5	462.4	219.1	246.0	1,079.6	708.4	1,788.0
	1980[p]	957.1	499.7	244.1	251.5	1,201.2	751.2	1,952.4
	1981	1,314.3	681.6	268.0	279.4	1,582.3	961.0	2,543.3
New Brunswick	1975	727.1	432.2	101.4	134.6	828.5	566.8	1,395.3
	1976	766.4	410.3	126.0	155.5	892.4	565.8	1,458.2
	1977	737.5	417.4	136.4	152.9	873.9	570.3	1,444.2
	1978	793.7	516.6	134.6	183.2	928.3	699.8	1,628.1
	1979[r]	914.1	738.1	155.9	214.4	1,070.0	952.5	2,022.5
	1980[p]	798.1	656.0	166.4	283.6	964.5	939.6	1,904.1
	1981	864.4	724.9	180.7	300.3	1,045.1	1,025.2	2,070.3

Table 21.3 (cont'd.)
Capital and Repair Investment by Type, by Province, Canada, 1975-1981[1]

		Capital Expenditures		Repair Expenditures		Capital and Repair Expenditures		
		Construction	Machinery and Equipment[2]	Construction	Machinery and Equipment	Construction	Machinery and Equipment[2]	Total
					$ Million			
Québec	1975	6,119.2	3,051.2	992.1	1,280.3	7,111.3	4,331.5	11,442.8
	1976	6,746.1	3,066.9	1,157.2	1,508.5	7,903.3	4,575.4	12,478.7
	1977	7,237.8	3,465.1	1,353.1	1,620.2	8,590.3	5,085.3	13,675.6
	1978	7,015.7	3,778.2	1,511.6	1,800.0	8,527.3	5,578.2	14,105.5
	1979[r]	7,445.3	4,408.9	1,679.4	1,991.6	9,124.7	6,400.5	15,525.2
	1980[p]	7,524.4	4,829.9	1,768.7	2,234.7	9,293.1	7,064.6	16,357.7
	1981	8,452.5	5,426.3	1,923.0	2,441.0	10,375.5	7,867.3	18,242.8
Manitoba	1975	823.1	698.0	189.2	262.7	1,012.3	960.7	1,973.0
	1976	1,054.4	758.0	232.9	284.4	1,287.3	1,042.4	2,329.7
	1977	1,148.9	748.4	248.8	309.8	1,397.7	1,058.2	2,455.9
	1978	1,269.6	748.4	232.3	341.2	1,501.9	1,089.6	2,591.5
	1979[r]	1,185.1	855.8	284.7	394.1	1,469.8	1,249.9	2,719.7
	1980[p]	1,063.1	917.7	298.9	488.4	1,362.0	1,406.1	2,768.1
	1981	1,126.2	982.9	318.4	540.6	1,444.6	1,523.5	2,968.1
Saskatchewan	1975	922.9	856.9	207.5	273.7	1,130.4	1,130.6	2,261.0
	1976	1,197.0	982.8	224.0	303.4	1,421.0	1,286.2	2,707.2
	1977	1,314.1	955.2	250.1	325.2	1,564.2	1,280.4	2,844.6
	1978	1,349.5	1,043.1	303.3	374.9	1,652.8	1,418.0	3,070.8
	1979[r]	1,752.9	1,350.7	350.8	444.9	2,103.7	1,795.6	3,899.3
	1980[p]	1,838.4	1,437.3	375.4	512.9	2,213.8	1,950.2	4,164.0
	1981	2,438.2	1,741.3	415.4	571.2	2,853.6	2,312.5	5,166.1
Alberta	1975	3,395.3	1,611.7	525.3	520.4	3,920.6	2,132.1	6,052.7
	1976	4,558.6	2,443.9	638.9	612.6	5,197.5	3,056.5	8,254.0
	1977	5,395.1	2,430.7	729.4	738.3	6,124.5	3,169.0	9,293.5
	1978	6,550.3	2,881.0	861.2	857.8	7,411.5	3,738.8	11,150.3
	1979[r]	8,302.1	3,617.8	1,071.7	1,191.5	9,373.8	4,809.3	14,183.1
	1980[p]	10,127.7	4,246.8	1,090.7	1,295.8	11,218.4	5,542.6	16,761.0
	1981	12,406.2	5,134.5	1,197.3	1,427.5	13,603.5	6,562.0	20,165.5
British Columbia	1975	2,996.9	1,426.1	543.1	857.5	3,540.0	2,283.6	5,823.6
	1976	3,647.1	1,549.8	613.4	996.3	4,260.5	2,546.1	6,806.6
	1977	3,784.7	1,808.6	708.0	1,121.4	4,492.7	2,930.0	7,422.7
	1978	4,153.8	2,047.1	779.2	1,278.3	4,933.0	3,325.4	8,258.4
	1979[r]	4,772.2	2,678.4	861.9	1,357.6	5,634.1	4,036.0	9,670.1
	1980[p]	6,205.2	3,370.7	932.7	1,486.5	7,137.9	4,857.2	11,995.1
	1981	7,007.4	3,905.1	1,022.6	1,633.8	8,030.0	5,538.9	13,568.9
Yukon and Northwest Territories	1975	330.4	151.4	24.1	44.7	354.5	196.1	550.6
	1976	366.0	159.0	28.2	52.2	394.2	211.2	605.4
	1977	463.7	75.9	26.7	44.6	490.4	120.5	610.9
	1978	419.5	86.0	29.3	52.5	448.8	138.5	587.3
	1979[r]	515.8	165.0	35.1	78.8	550.9	243.8	794.7
	1980[p]	638.5	200.0	32.6	76.1	671.1	276.1	947.2
	1981	800.8	431.0	39.1	82.1	839.9	513.1	1,353.0

1) Preliminary actual 1980, intentions 1981.
2) Capital expenditures on machinery and equipment include an estimate for capital items charged to operating expenses in the manufacturing, utilities and trade totals.

Source: SC, *Private and Public Investment in Canada*, (61-205).

Table 21.4

Capital and Repair Investment by Sector, by Province, Canada 1975-1981[1]

		Capital Expenditures		Repair Expenditures		Capital and Repair Expenditures		
		Construction	Machinery and Equipment[2]	Construction	Machinery and Equipment	Construction	Machinery and Equipment[2]	Total
					$ Million			
Canada								
Agriculture and fishing	1975	479.6	1,968.2	190.2	392.3	669.8	2,360.5	3,030.3
	1976	527.0	2,348.4	215.4	425.7	742.4	2,774.1	3,516.5
	1977	607.4	2,388.9	245.2	449.7	852.6	2,838.6	3,691.2
	1978	701.6	2,776.8	281.6	509.6	983.2	3,286.4	4,269.6
	1979[r]	824.8	3,542.7	326.1	624.6	1,150.9	4,167.3	5,318.2
	1980[p]	918.2	3,545.1	363.6	733.2	1,281.8	4,278.3	5,560.1
	1981	987.6	3,791.5	390.6	802.6	1,378.2	4,594.1	5,972.3
Forestry	1975	90.9	104.6	33.2	130.4	124.1	235.0	359.1
	1976	80.9	97.8	46.1	149.1	135.1	246.9	382.0
	1977	105.0	115.5	45.2	173.8	150.2	289.3	439.5
	1978	100.5	140.4	48.6	213.0	149.1	353.4	502.5
	1979[r]	140.6	160.0	66.4	222.1	207.0	382.1	589.1
	1980[p]	140.9	177.3	63.4	253.5	204.3	430.8	635.1
	1981	174.0	190.5	71.3	276.4	245.3	466.9	712.2
Mining, quarry and oil wells	1975	1,968.1	643.9	302.7	699.5	2,270.8	1,343.4	3,614.2
	1976	2,356.9	1,084.0	368.9	830.7	2,725.8	1,914.7	4,640.5
	1977	2,839.6	1,025.3	402.2	911.1	3,241.8	1,936.4	5,178.2
	1978	3,115.7	787.7	461.5	876.9	3,577.2	1,664.6	5,241.8
	1979[r]	4,675.5	979.1	528.9	1,206.7	5,204.4	2,185.8	7,390.2
	1980[p]	6,702.2	1,503.7	450.0	1,349.1	7,152.2	2,852.8	10,050.0
	1981	8,192.7	1,970.8	486.4	1,443.6	8,679.1	3,414.4	12,093.5
Construction industry	1975	80.2	488.2	19.4	430.4	99.6	918.6	1,018.2
	1976	121.3	637.6	16.8	487.0	138.1	1,124.6	1,262.7
	1977	131.2	689.1	18.2	526.4	149.4	1,215.5	1,364.9
	1978	139.9	734.9	19.5	561.2	159.4	1,296.1	1,455.5
	1979[r]	157.6	827.7	21.7	632.0	179.3	1,459.7	1,639.0
	1980[p]	173.0	909.3	22.9	665.1	195.9	1,574.4	1,770.3
	1981	200.8	1,054.7	24.8	724.7	225.6	1,779.4	2,005.0
Manufacturing	1975	1,568.5	3,952.9	381.0	2,064.1	1,949.5	6,017.0	7,966.5
	1976	1,439.7	4,025.6	438.2	2,453.2	1,877.9	6,478.8	8,356.7
	1977	1,658.9	4,421.8	530.5	2,685.3	2,189.4	7,107.1	9,296.5
	1978	1,543.7	4,634.5	557.2	3,038.4	2,100.9	7,672.9	9,773.8
	1979	1,610.5	5,833.1	640.5	3,457.2	2,251.0	9,290.3	11,541.3
	1980	2,052.5	7,452.7	706.7	3,865.4	2,759.2	11,318.1	14,077.3
	1981	2,522.7	9,183.2	791.5	4,311.3	3,314.2	13,494.5	16,808.7
Utilities	1975	4,402.9	3,629.9	697.4	1,531.3	5,100.3	5,161.5	10,261.8
	1976	4,425.8	3,828.4	800.1	1,788.0	5,225.9	5,616.4	10,842.3
	1977	5,073.4	4,114.5	904.5	2,043.8	5,977.9	6,158.3	12,136.2
	1978	5,625.6	4,899.9	993.6	2,399.0	6,619.2	7,298.9	13,918.1
	1979[r]	6,183.7	5,576.2	1,125.8	2,704.5	7,309.5	8,280.7	15,590.2
	1980[p]	6,700.6	6,376.8	1,234.2	2,998.8	7,934.8	9,375.6	17,310.4
	1981	8,482.4	7,440.4	1,340.9	3,282.9	9,823.3	10,723.3	20,546.6
Trade	1975	350.9	644.7	97.6	136.4	448.5	781.1	1,229.6
	1976	385.9	742.5	131.5	160.6	517.4	903.1	1,422.8
	1977	362.9	757.8	124.1	178.0	487.0	935.8	1,422.8
	1978	367.1	835.2	149.6	201.0	516.7	1,036.2	1,552.9
	1979[r]	503.7	1,071.0	166.5	225.8	670.2	1,296.8	1,967.0
	1980[p]	566.0	1,079.0	155.8	220.6	721.8	1,299.6	2,021.4
	1981	643.8	1,243.9	157.5	227.1	801.3	1,471.0	2,272.3

Table 21.4 (cont'd.)
Capital and Repair Investment by Sector, Canada and Ontario, 1975-1981[1]

		Capital Expenditures		Repair Expenditures		Capital and Repair Expenditures		
		Construction	Machinery and Equipment[2]	Construction	Machinery and Equipment	Construction	Machinery and Equipment[2]	Total
					$ Million			
Finance	1975	1,559.0	195.0	93.8	36.4	1,653.7	231.4	1,885.1
	1976	1,734.3	261.3	116.0	36.9	1,850.3	298.2	2,148.5
	1977	1,882.5	244.3	125.9	40.8	2,008.4	285.1	2,293.5
	1978	2,161.3	360.5	142.8	48.0	2,304.1	408.5	2,712.6
	1979[r]	2,862.1	378.3	205.0	76.3	3,067.1	454.6	3,521.7
	1980[p]	3,333.9	379.4	227.8	89.8	3,561.7	469.2	4,030.9
	1981	4,001.0	418.8	249.7	96.2	4,250.7	515.0	4,765.7
Commercial services	1975	857.2	1,608.1	39.5	187.2	896.7	1,795.3	2,692.0
	1976	604.1	1,541.9	44.5	234.2	648.6	1,776.1	2,424.7
	1977	359.5	1,727.6	51.4	255.0	410.9	1,982.6	2,393.5
	1978	396.6	2,206.2	73.1	297.4	469.7	2,503.6	2,973.3
	1979[r]	566.5	3,067.1	99.5	326.3	666.0	3,393.4	4,059.4
	1980[p]	626.8	3,361.7	83.4	329.0	710.2	3,690.7	4,400.9
	1981	612.6	3,825.1	84.2	371.5	696.8	4,196.6	4,893.4
Institutions	1975	1,190.6	293.4	163.8	60.3	1,354.4	353.7	1,708.1
	1976	1,167.8	317.3	187.6	68.4	1,355.4	385.7	1,741.1
	1977	1,179.7	334.5	238.3	74.4	1,418.0	408.9	1,826.9
	1978	1,180.6	361.7	247.0	96.6	1,427.6	458.3	1,885.9
	1979[r]	1,327.7	362.5	270.4	98.1	1,598.1	460.6	2,058.7
	1980[p]	1,572.3	392.3	298.6	107.9	1,870.9	500.2	2,371.1
	1981	1,731.1	411.8	324.0	114.6	2,055.1	526.4	2,581.5
Government departments	1975	4,391.8	632.8	725.8	166.6	5,117.6	799.4	5,917.0
	1976	4,439.7	607.4	802.9	156.7	5,242.6	764.1	6,006.7
	1977	4,865.3	648.0	927.0	158.0	5,792.3	806.0	6,598.3
	1978	5,128.8	710.0	974.4	176.4	6,103.2	886.4	6,989.6
	1979[r]	5,376.6	710.0	1,075.7	224.4	6,452.3	934.4	7,386.7
	1980[p]	5,725.2	773.3	1,174.1	208.3	6,899.3	981.6	7,880.9
	1981	6,273.3	866.5	1,257.8	243.9	7,531.1	1,110.4	8,641.5
Housing	1975	7,113.9	–	1,575.6	–	8,689.5	–	8,689.5
	1976	10,852.6	–	1,816.7	–	12,669.3	–	12,669.3
	1977	11,064.8	–	2,061.0	–	13,125.8	–	13,125.8
	1978	11,450.4	–	2,329.4	–	13,779.8	–	13,779.8
	1979[r]	11,617.4	–	2,649.2	–	14,266.6	–	14,266.6
	1980[p]	10,949.5	–	2,826.3	–	13,775.8	–	13,775.8
	1981	12,304.0	–	3,113.3	–	15,417.3	–	15,417.3
Total	1975	24,054.5	14,167.7	4,320.0	5,835.2	28,274.5	19,996.9	48,371.4
	1976	28,144.1	15,492.2	4,984.7	6,790.5	33,128.8	22,282.7	55,411.5
	1977	30,130.2	16,467.3	5,673.5	7,496.3	35,803.7	23,963.6	59,767.3
	1978	31,911.8	18,447.8	6,278.3	8,417.5	38,190.1	26,865.3	65,055.4
	1979[r]	35,846.7	22,507.7	7,175.7	9,798.0	43,022.4	32,305.7	75,328.1
	1980[p]	39,461.1	25,950.6	7,606.8	10,820.7	47,067.9	36,771.3	83,839.2
	1981	46,126.0	30,397.2	8,292.0	11,894.8	54,418.0	42,292.0	96,710.0

Table 21.4 (cont'd.)
Capital and Repair Investment by Sector, Canada and Ontario, 1975-1981[1]

		Capital Expenditures		Repair Expenditures		Capital and Repair Expenditures		
		Construc-tion	Machinery and Equipment[2]	Construc-tion	Machinery and Equipment	Construc-tion	Machinery and Equipment[2]	Total
				$ Million				
Ontario								
Agriculture and fishing	1975	136.5	443.6	75.0	86.8	211.5	530.4	741.9
	1976	164.0	488.7	90.1	94.3	254.1	583.0	837.1
	1977	184.3	528.9	101.3	99.5	285.6	628.4	914.0
	1978	209.7	583.2	115.3	110.8	325.0	694.0	1,019.0
	1979[r]	237.9	720.3	130.7	141.1	386.6	861.4	1,230.0
	1980[p]	264.0	686.3	145.0	166.7	409.0	853.0	1,262.0
	1981	282.2	706.4	155.0	182.7	437.2	889.1	1,326.3
Forestry	1975	10.3	16.4	6.4	26.6	16.7	43.0	59.7
	1976	6.9	14.5	6.8	26.5	13.7	41.0	54.7
	1977	8.1	20.2	5.2	40.0	13.3	60.2	73.5
	1978	5.2	15.3	6.5	53.0	11.7	68.3	80.0
	1979[r]	9.0	23.4	9.7	55.2	18.7	78.6	97.3
	1980[p]	11.0	25.0	7.1	63.5	18.1	88.5	106.6
	1981	17.7	37.3	8.4	70.8	26.1	108.1	134.2
Mining, quarrying and oil wells	1975	175.3	89.1	27.1	142.2	202.4	231.3	433.7
	1976	209.6	112.9	29.3	184.3	238.9	297.2	536.1
	1977	198.9	98.5	26.8	195.7	225.7	294.2	519.9
	1978	200.1	88.3	21.1	171.1	221.2	259.4	480.6
	1979[r]	279.1	132.0	26.4	223.9	305.5	355.9	661.4
	1980[p]	341.6	182.8	33.2	227.1	374.8	409.9	784.7
	1981	519.1	241.3	34.0	242.4	553.1	483.7	1,036.8
Construction industry	1975	25.4	154.6	6.1	136.3	31.5	290.9	322.4
	1976	28.3	185.6	5.0	140.0	33.3	325.6	358.9
	1977	38.9	204.3	5.4	156.0	44.3	360.3	404.6
	1978	40.2	211.2	5.6	161.3	45.8	372.5	418.3
	1979[r]	42.4	222.6	5.9	170.0	48.3	392.6	440.9
	1980[p]	43.6	229.1	6.4	185.0	50.0	414.1	464.1
	1981	49.1	258.1	6.9	199.1	56.0	457.2	513.2
Manufacturing	1975	737.6	2,122.9	169.2	1,031.5	906.8	3,154.4	4,061.2
	1976	830.4	2,185.8	204.2	1,223.4	1,034.6	3,409.2	4,443.8
	1977	950.4	2,409.0	238.2	1,377.0	1,188.6	3,786.0	4,974.0
	1978	803.0	2,282.8	238.7	1,529.8	1,041.7	3,812.6	4,854.3
	1979[r]	728.1	2,817.0	302.4	1,783.3	1,030.5	4,600.3	5,630.8
	1980[p]	948.5	3,818.7	321.3	2,010.3	1,269.8	5,829.0	7,098.8
	1981	954.8	4,568.3	351.0	2,259.3	1,305.8	6,827.6	8,133.4
Utilities	1975	1,313.1	1,367.5	257.3	503.1	1,570.4	1,870.6	3,441.0
	1976	1,046.8	1,327.5	290.2	547.2	1,337.0	1,901.7	3,238.7
	1977	1,101.5	1,311.4	319.1	652.5	1,420.6	1,963.9	3,384.5
	1978	1,292.8	1,748.7	341.0	775.4	1,633.8	2,524.1	4,157.9
	1979[r]	1,396.7	1,959.0	384.2	862.3	1,780.9	2,821.3	4,602.2
	1980[p]	1,609.7	2,155.5	404.3	890.6	2,014.0	3,046.1	5,060.1
	1981	2,009.1	2,605.1	442.8	966.5	2,451.9	3,571.6	6,023.5
Trade	1975	107.0	230.4	40.1	60.3	147.1	290.7	437.8
	1976	132.3	259.1	48.3	70.6	180.6	329.7	510.3
	1977	126.5	267.8	43.7	79.1	170.2	346.9	517.1
	1978	117.6	338.3	56.1	88.9	173.7	427.2	600.9
	1979[r]	134.0	389.3	59.4	95.4	193.4	484.7	678.1
	1980[p]	159.8	433.2	57.1	96.5	216.9	529.7	746.6
	1981	179.1	503.3	56.6	93.9	235.7	597.2	832.9

Table 21.4 (cont'd.)
Capital and Repair Investment by Sector, Canada and Ontario, 1975-1981 [1]

		Capital Expenditures		Repair Expenditures		Capital and Repair Expenditures		
		Construc-tion	Machinery and Equipment[2]	Construc-tion	Machinery and Equipment	Construc-tion	Machinery and Equipment[2]	Total
					$ Million			
Finance	1975	648.3	83.7	41.0	16.9	689.3	100.6	789.9
	1976	653.9	92.5	50.1	15.1	704.0	107.6	811.6
	1977	658.6	97.2	49.3	16.9	707.9	114.1	822.0
	1978	729.2	157.7	51.6	18.3	780.8	176.0	956.8
	1979[r]	884.1	129.4	67.8	23.4	951.9	152.8	1,104.7
	1980[p]	957.5	140.8	72.2	28.2	1,029.7	169.0	1,198.7
	1981	1,168.0	156.5	79.5	27.9	1,247.5	184.4	1,431.9
Commercial Services	1975	108.2	593.1	16.1	78.6	124.3	671.7	796.0
	1976	82.0	587.9	17.2	93.8	99.2	681.7	780.9
	1977	79.2	705.3	17.9	103.1	97.1	808.4	905.5
	1978	100.3	878.2	23.8	118.5	124.1	996.7	1,120.8
	1979[r]	166.8	1,140.7	30.7	129.9	197.5	1,270.6	1,468.1
	1980[p]	212.8	1,335.7	26.3	129.0	239.1	1,464.7	1,703.8
	1981	183.0	1,432.1	25.8	145.3	208.8	1,577.4	1,786.2
Institutions	1975	290.0	83.0	41.3	18.0	331.3	101.0	432.3
	1976	259.5	78.4	50.9	19.2	310.4	97.6	408.0
	1977	281.7	90.3	65.2	23.0	346.9	113.3	460.2
	1978	283.1	91.4	64.4	25.5	347.5	116.9	464.4
	1979[r]	257.4	105.5	64.9	31.0	322.3	136.5	458.8
	1980[p]	309.5	125.1	77.4	32.8	386.9	157.9	544.8
	1981	311.6	109.3	80.8	36.9	392.4	146.2	538.6
Government departments	1975	1,386.9	243.5	179.7	38.2	1,566.6	281.7	1,848.3
	1976	1,345.8	245.3	178.2	43.3	1,524.0	288.6	1,812.6
	1977	1,350.6	274.8	206.7	45.9	1,557.3	320.7	1,878.0
	1978	1,434.6	251.9	223.3	46.5	1,657.9	298.4	1,956.3
	1979[r]	1,536.3	234.1	225.3	58.9	1,761.6	293.0	2,054.6
	1980[p]	1,495.8	258.7	273.7	60.1	1,769.5	318.8	2,088.3
	1981	1,558.1	315.1	282.1	72.4	1,840.2	387.5	2,227.7
Housing	1975	2,553.9	–	636.7	–	3,190.6	–	3,190.6
	1976	3,610.5	–	725.5	–	4,336.0	–	4,336.0
	1977	3,745.8	–	810.2	–	4,556.0	–	4,556.0
	1978	3,698.6	–	917.8	–	4,616.4	–	4,616.4
	1979[r]	3,548.2	–	1,043.0	–	4,591.2	–	4,591.2
	1980[p]	3,116.1	–	1,113.8	–	4,229.9	–	4,229.9
	1981	3,414.6	–	1,221.0	–	4,635.6	–	4,635.6
Total	1975	7,492.5	5,427.8	1,496.0	2,138.5	8,988.5	7,566.3	16,554.8
	1976	8,370.0	5,578.2	1,695.8	2,484.7	10,065.8	8,796.4	19,409.9
	1977	8,274.5	6,007.7	1,889.0	2,788.7	10,613.5	8,796.4	19,409.9
	1978	8,914.4	6,647.0	2,065.2	3,099.1	10,979.6	9,746.1	20,725.7
	1979[r]	9,220.0	7,873.3	2,350.4	3,574.4	11,570.4	11,447.7	23,018.1
	1980[p]	9,469.9	9,390.9	2,537.8	3,889.8	12,007.7	13,280.7	25,288.4
	1981	10,646.4	10,932.8	2,743.9	4,297.2	13,390.3	15,230.0	28,620.3

1) Preliminary actual 1980, intentions 1981.
2) Capital expenditures on machinery and equipment include an estimate for capital items charge to operating expenses in the manufacturing, utilities and trade totals.

Source: SC, *Private and Public Investment in Canada*, (61-205).

Table 21.5
Capital and Repair Investment in Manufacturing, by Selected Metropolitan Area, Canada and Ontario, 1975-1981[1]

		Capital Expenditures		Repair Expenditures		Capital and Repair Expenditures		
		Construction	Machinery and Equipment[2]	Construction	Machinery and Equipment	Construction	Machinery and Equipment[2]	Total
					$ Million			
St. John's	1975	2.6	7.4	0.4	1.9	3.0	9.3	12.3
	1976	1.1	3.1	0.4	2.4	1.5	5.5	7.0
	1977	3.0	4.9	0.6	3.2	3.6	8.1	11.7
	1978	2.5	6.2	0.6	3.4	3.1	9.6	12.7
	1979[r]	3.7	4.8	1.0	2.9	4.7	7.7	12.4
	1980[p]	4.1	6.2	0.8	3.8	4.9	10.0	14.9
	1981	4.0	5.3	0.9	2.7	4.9	8.0	12.9
Halifax	1975	17.6	13.4	4.9	4.1	22.5	17.5	40.0
	1976	10.0	8.1	4.1	4.2	14.1	12.3	26.4
	1977	9.4	8.4	5.2	4.8	14.6	13.2	27.8
	1978	12.4	8.6	5.1	4.5	17.5	13.1	30.6
	1979[r]	29.6	12.4	8.3	6.1	37.9	18.5	56.4
	1980[p]	15.6	12.5	10.6	7.2	26.2	19.7	45.9
	1981	29.0	19.6	13.6	8.2	42.6	27.8	70.4
Québec	1975	7.2	18.4	3.0	11.2	10.2	29.6	39.8
	1976	8.7	17.1	4.1	13.0	12.8	30.1	42.9
	1977	8.2	22.0	4.6	14.3	12.8	36.3	49.1
	1978	12.8	31.2	4.7	16.2	17.5	47.4	64.9
	1979[r]	13.4	42.4	5.9	19.9	19.3	62.3	81.6
	1980[p]	21.1	66.1	9.1	21.7	30.2	87.8	118.0
	1981	79.4	76.5	9.6	22.7	89.0	99.2	188.2
Montréal	1975	114.1	322.0	59.7	200.2	173.8	522.2	696.0
	1976	104.8	281.5	68.0	200.2	172.8	481.7	654.5
	1977	108.5	305.8	86.7	220.5	195.2	526.3	721.5
	1978	103.0	306.5	84.0	236.9	187.0	543.4	730.4
	1979[r]	140.3	358.8	97.1	255.3	237.4	614.1	851.5
	1980[p]	187.4	538.4	119.7	290.1	307.1	828.5	1,135.6
	1981	254.0	573.1	140.4	309.9	394.4	883.0	1,277.4
Ottawa-Hull	1975	1.5	22.3	2.1	14.7	3.6	37.0	40.6
	1976	1.5	30.3	2.2	20.2	3.7	50.5	54.2
	1977	5.9	40.2	2.7	22.6	8.6	62.8	71.4
	1978	9.6	36.2	3.4	28.0	13.0	64.2	77.2
	1979[r]	8.1	46.7	3.6	28.5	11.7	75.2	86.9
	1980[p]	14.8	69.2	4.6	30.7	19.4	99.9	119.3
	1981	9.1	73.5	4.7	38.3	13.8	111.8	125.6
Toronto	1975	127.5	473.9	48.2	196.9	175.7	670.8	846.5
	1976	141.2	451.3	56.6	230.0	197.8	681.3	879.1
	1977	183.3	574.2	66.1	248.2	249.4	822.4	1,071.8
	1978	151.9	596.3	67.5	268.4	219.4	864.7	1,084.1
	1979[r]	176.3	742.0	86.0	290.3	262.3	1,032.3	1,294.6
	1980[p]	286.5	895.3	90.6	312.8	377.1	1,208.1	1,585.2
	1981	301.8	1,119.2	95.7	330.8	397.5	1,450.0	1,847.5
Hamilton	1975	42.5	207.0	26.2	254.2	68.7	461.2	529.9
	1976	43.2	176.6	29.7	277.3	72.9	453.9	526.8
	1977	52.3	237.3	45.8	296.1	98.1	533.4	631.5
	1978	32.2	257.4	38.8	360.5	71.0	617.9	688.9
	1979[r]	44.1	224.1	46.0	423.6	90.1	647.7	737.8
	1980[p]	77.7	340.9	37.4	494.3	115.1	835.2	950.3
	1981	97.3	422.6	41.9	605.1	139.2	1,027.7	1,166.9

Table 21.5 (cont'd.)
Capital and Repair Investment in Manufacturing, by Selected Metropolitan Area, Canada and Ontario, 1975-1981[1]

		Capital Expenditures		Repair Expenditures		Capital and Repair Expenditures		
		Construction	Machinery and Equipment[2]	Construction	Machinery and Equipment	Construction	Machinery and Equipment[2]	Total
		$ Million						
London	1975	8.3	31.5	3.3	19.0	11.6	50.5	62.1
	1976	4.5	38.7	4.0	24.3	8.5	63.0	71.5
	1977	13.6	66.1	5.7	33.0	19.3	99.1	118.4
	1978	15.6	62.1	5.4	34.4	21.0	96.5	117.5
	1979r	24.1	104.7	7.0	33.5	31.1	138.2	169.3
	1980p	29.2	112.4	6.3	36.5	35.5	148.9	184.4
	1981	19.5	90.2	6.6	39.8	26.1	130.0	156.1
Windsor	1975	14.0	70.2	3.3	36.2	17.3	106.4	123.7
	1976	7.6	52.9	8.0	56.0	15.6	108.9	124.5
	1977	29.9	94.4	7.0	68.1	36.9	162.5	199.4
	1978	36.3	178.3	6.9	73.7	43.2	252.0	295.2
	1979r	111.6	167.7	5.7	89.6	117.3	257.3	374.6
	1980p	101.1	624.1	7.7	72.6	108.8	696.7	805.5
	1981	26.2	595.1	9.7	94.5	35.9	689.6	725.5
Winnipeg	1975	18.4	36.7	6.3	21.3	24.7	58.0	82.7
	1976	18.7	38.4	6.6	23.3	25.3	61.7	87.0
	1977	15.8	42.5	8.1	24.6	23.9	67.1	91.0
	1978	10.0	36.7	6.6	25.9	16.6	62.6	79.2
	1979r	19.2	55.8	9.8	30.7	29.0	86.5	115.5
	1980p	25.0	62.9	8.9	32.6	33.9	95.5	129.4
	1981	22.2	67.0	10.1	35.9	32.3	102.9	135.2
Calgary	1975	13.1	43.5	2.3	18.8	15.4	62.3	77.7
	1976	11.0	35.9	3.0	24.8	14.0	60.7	74.7
	1977	17.2	45.7	3.2	28.6	20.4	74.3	94.7
	1978	17.1	52.3	3.5	23.3	20.6	75.6	96.2
	1979r	19.1	58.4	4.1	32.0	23.2	90.4	113.6
	1980p	19.7	64.3	4.5	38.9	24.2	103.2	127.4
	1981	19.6	53.5	4.8	40.6	24.4	94.1	118.5
Edmonton	1975	46.3	67.3	20.2	37.8	66.5	105.1	171.6
	1976	21.6	72.6	18.3	40.6	39.9	113.2	153.1
	1977	59.3	150.6	17.8	43.9	77.1	194.5	271.6
	1978	99.5	256.6	16.7	49.2	116.2	305.8	422.0
	1979r	72.9	269.5	23.4	68.4	96.3	337.9	434.2
	1980p	75.9	188.7	29.7	81.5	105.6	270.2	375.8
	1981	211.5	264.7	33.0	87.6	244.5	352.3	596.8
Vancouver	1975	53.8	97.6	17.2	67.5	71.0	165.1	236.1
	1976	41.5	110.2	19.1	81.4	60.6	191.6	252.2
	1977	40.4	147.7	22.0	93.9	62.4	241.6	304.0
	1978	36.6	120.2	24.3	119.8	60.9	240.0	300.9
	1979r	51.8	150.1	25.1	119.0	76.9	269.1	346.0
	1980p	69.8	195.4	26.3	129.2	96.1	324.6	420.7
	1981	83.2	219.1	28.7	140.6	111.9	359.7	471.6
Victoria	1975	1.6	5.5	0.4	5.1	2.0	10.6	12.6
	1976	1.9	7.0	0.7	6.1	2.6	13.1	15.7
	1977	0.3	5.8	0.6	7.1	0.9	12.9	13.8
	1978	1.5	5.2	1.0	8.0	2.5	13.2	15.7
	1979r	2.4	10.7	1.2	9.2	3.6	19.9	23.5
	1980p	1.0	8.3	0.9	10.2	1.9	18.5	20.4
	1981	0.6	7.2	1.0	11.3	1.6	18.5	20.1

1) Preliminary actual 1980; intentions 1981.
2) Capital expenditures on machinery and equipment include an estimate for capital items charged to operating expenses.

Source: SC *Private and Public Investment*, (61-205).

Components of Private and Public Investment, Ontario 1979 and 1980

	Construction			Machinery and Equipment			Total		
	1979[r]	1980	Per Cent Change	1979[r]	1980	Per Cent Change	1979[r]	1980	Per Cent Change
	$ Million			$ Million			$ Million		
	Capital Expenditures								
Primary Industries and Construction Industry	568.4	660.2	16.2	1,098.3	1,123.2	2.3	1,666.7	1,783.4	7.0
Manufacturing	728.1	948.5	30.3	2,817.0	3,818.7	35.6	3,545.1	4,767.2	34.5
Food and Beverages	63.5	73.8	16.2	221.1	260.3	17.7	284.6	334.1	17.4
Rubber	18.1	24.2	33.7	95.5	84.9	−11.1	113.6	109.1	−4.0
Textiles	6.0	7.4	23.3	52.0	65.3	25.6	58.0	72.7	25.3
Clothing	1.3	5.1	292.3	6.1	7.8	27.9	7.4	12.9	74.3
Knitting Mills	0.9	1.0	11.1	4.7	7.0	48.9	5.6	8.0	42.9
Wood	9.6	13.1	36.5	33.8	45.1	33.4	43.4	58.2	34.1
Furniture & Fixtures	2.1	6.1	190.5	10.0	11.1	11.0	12.1	17.2	42.1
Paper & Allied Industries	16.6	62.8	278.3	176.6	248.8	47.1	193.2	311.6	61.3
Printing, Publishing and Allied Industries	21.9	19.6	−10.5	75.3	80.2	6.5	97.2	99.8	2.7
Primary Metal	99.8	148.8	49.1	410.5	559.6	36.3	510.3	708.4	38.8
Metal Fabricating	43.2	55.2	27.8	151.5	185.3	22.3	194.7	240.5	23.5
Machinery	27.4	48.8	78.1	88.0	96.2	9.3	115.4	145.0	25.6
Transportation Equipment	186.8	230.9	23.6	364.6	834.1	128.8	551.4	1,065.0	93.1
Electrical Products	17.0	40.1	135.9	102.1	148.7	45.6	119.1	188.8	58.5
Non-Metallic Mineral Prod.	34.0	28.8	−15.3	120.6	80.5	−33.3	154.6	109.3	−29.3
Petroleum & Coal Products	27.2	46.7	71.7	14.5	24.3	67.6	41.7	71.0	70.3
Chemicals & Chem. Products	133.0	107.2	−19.4	422.3	478.5	13.3	555.3	585.7	5.5
Other	19.7	28.9	46.7	467.8	601.0	28.5	487.5	629.9	29.2
Utilities	1,396.7	1,609.7	15.3	1,959.0	2,155.5	10.0	3,355.7	3,765.2	12.2
Trade, Finance and Commercial Services	1,184.9	1,330.1	12.3	1,659.4	1,909.7	15.1	2,844.3	3,239.8	13.9
Housing	3,548.2	3,116.1	−12.2	–	–	-	3,548.2	3,116.1	−12.2
Institutions and Government Departments	1,793.7	1,805.3	0.6	339.6	383.8	13.0	2,133.3	2,189.1	2.6
Total Private and Public Investment in Ontario	9,220.0	9,469.9	2.7	7,873.3	9,390.9	19.3	17,093.3	18,860.8	10.3

1) Preliminary actual expenditures for 1980.

Source: SC *Private and Public Investment*, (61-205).

Table 21.7
Total Value of Building Construction by Type of Structure, Ontario, 1952-1979[1]

	Total Building Construction	Residential	Industrial	Commercial	Institutional	Other Building Construction
			$'000's			
1952	928,813	396,985	229,739	160,639	105,895	35,555
1953	1,093,983	511,206	200,209	196,506	109,803	76,259
1954	1,216,568	623,094	190,365	214,974	127,048	61,087
1955	1,380,174	754,154	182,923	210,127	158,194	74,776
1956	1,498,383	735,203	288,159	224,180	152,927	97,914
1957	1,562,669	738,706	300,092	276,126	159,499	88,246
1958	1,637,677	909,728	173,116	285,082	192,162	77,589
1959	1,603,391	857,286	175,296	276,829	208,183	85,797
1960	1,538,444	745,428	198,242	272,819	217,762	104,193
1961	1,529,821	756,399	168,936	266,517	217,979	119,990
1962	1,604,075	721,666	195,094	263,230	304,908	119,177
1963	1,737,892	792,630	226,784	262,989	350,454	105,035
1964	1,918,422	980,436	266,381	317,640	264,052	89,913
1965	2,299,263	1,119,926	334,737	383,349	363,310	97,941
1966	2,617,912	1,155,534	478,147	449,916	430,259	104,056
1967	2,759,162	1,252,985	410,887	491,345	487,617	116,328
1968	2,962,615	1,484,984	322,086	462,903	583,497	109,145
1969	3,247,321	1,751,751	363,538	469,356	542,241	120,435
1970	3,424,377	1,629,204	511,188	588,963	530,398	164,624
1971	3,749,822	2,023,245	351,154	651,381	546,068	177,974
1972	4,237,394	2,458,371	375,369	728,230	480,185	195,239
1973	5,029,428	3,062,253	471,478	900,460	403,134	192,103
1974	5,904,100	3,466,233	649,940	1,151,070	401,211	235,646
1975	5,757,247	3,190,683	654,649	1,218,892	418,394	274,629
1976	6,783,354	4,336,034	633,599	1,086,840	411,184	315,697
1977	7,078,460	4,555,992	717,914	1,090,548	410,489	303,517
1978[r]	7,207,418	4,616,484	667,141	1,151,063	413,793	358,937
1979	7,781,401	4,647,530	881,861	1,402,270	461,124	388,616

1) Intentions, 1979.

Source: SC, *Construction in Canada.*

Table 21.8
Total Value of Engineering Construction by Type of Structure, Ontario, 1952-1979[1]

	Total Engineering Construction	Road, Highway, and Aerodrome Construction	Waterworks and Sewage Systems	Dams and Irrigation	Electric Power Construction	Railway, Telephone, and Telegraph	Gas and Oil Facilities	Marine Construction	Other Engineering Construction
					$'000's				
1952	547,555	192,519[2]	47,716	4,460	140,368	84,849	51,435	14,103	12,105
1953	540,254	130,812	52,266	3,538	141,917	86,799	45,568	13,130	66,224
1954	531,490	144,491	57,527	5,032	127,879	94,583	30,232	21,250	50,496
1955	542,915	168,584	57,723	5,656	104,730	114,077	25,469	17,839	48,837
1956	700,304	176,724	71,664	7,575	164,974	120,713	50,271	25,986	82,397
1957	975,048	203,400	82,474	5,853	197,600	131,921	208,396	43,898	101,506
1958	990,976	216,104	76,046	6,419	155,613	138,007	254,872	62,699	81,216
1959	815,290	247,246	86,863	4,659	130,782	140,598	86,347	31,170	87,625
1960	816,184	251,930	99,521	4,989	118,422	143,053	69,104	25,426	103,739
1961	799,059	210,419	89,489	4,645	112,087	131,408	71,382	23,175	156,454
1962	823,086	239,852	89,332	5,193	122,671	132,684	99,677	14,768	118,909
1963	884,420	253,560	111,443	11,329	114,861	141,430	101,632	11,413	138,752
1964	893,146	235,167	112,049	13,397	117,070	128,770	92,375	17,731	176,587
1965	951,237	296,360	122,137	11,885	145,270	130,008	71,173	33,939	140,465
1966	1,196,472	362,573	170,687	21,252	172,927	164,682	111,406	36,096	156,849
1967	1,229,017	387,959	150,653	12,879	197,922	147,140	123,452	24,863	184,149
1968	1,346,819	399,493	169,023	10,278	253,542	172,030	137,472	31,380	173,601
1969	1,395,900	388,735	154,092	20,239	309,897	179,971	102,509	32,080	208,377
1970	1,560,492	389,944	207,915	16,298	353,096	199,388	105,046	25,328	263,477
1971	1,847,082	450,164	242,620	20,245	358,919	214,223	133,456	25,789	401,666
1972	2,038,419	457,272	291,753	25,754	368,431	230,516	157,716	38,282	468,695
1973	2,106,529	493,202	319,095	26,385	391,359	273,461	188,562	25,799	388,666
1974	2,597,178	583,759	456,148	34,651	469,739	371,610	220,423	32,019	428,829
1975	3,232,152	634,445	518,741	39,690	737,175	339,648	348,318	33,153	580,982
1976	3,282,600	604,501	563,098	39,143	588,752	397,247	291,647	38,170	760,042
1977	3,535,175	706,855	590.902	38,592	653,724	437,642	324,981	68,655	713,824
1978[r]	3,772,049	798,032	627,039	43,032	764,183	492,626	295,484	39,196	712,457
1979	3,757,064	819,236	656,076	49,199	741,158	526,364	213,062	38,737	713,232

1) Intentions, 1979.
2) Includes bridges.

Source: SC, *Construction in Canada*.

Table 21.9
Value of Construction Work Performed, Total and Contract, Labour Content and Cost of Materials Used, Ontario, 1956-1980[1]

	Total Construction				Contract Construction Only			
	Labour Content		Cost of Materials Used	Value of Work Performed	Labour Content		Cost of Materials Used	Value of Work Performed
	Number	Value			Number	Value		
			$'000's				$'000's	
1956	197,910	741,549	1,076,957	2,198,687	131,909	517,644	846,912	1,669,514
1957	210,492	858,281	1,212,620	2,537,717	142,498	607,746	960,262	1,965,776
1958	216,479	906,990	1,217,912	2,628,653	146,167	645,930	987,518	2,074,967
1959	197,605	854,189	1,143,098	2,418,681	132,671	593,768	891,220	1,843,680
1960	187,424	848,479	1,113,895	2,354,628	121,967	582,976	901,573	1,811,648
1961	175,232	812,923	1,093,342	2,328,880	122,803	587,048	888,773	1,835,335
1962	175,266	845,953	1,166,323	2,427,161	129,099	626,990	967,583	1,944,831
1963	174,415	898,430	1,263,594	2,622,312	129,093	679,182	1,055,812	2,125,432
1964	176,261	953,009	1,384,359	2,811,568	131,780	727,085	1,177,576	2,307,215
1965	193,936	1,129,635	1,592,766	3,250,500	141,994	847,078	1,332,556	2,645,441
1966	204,368	1,305,993	1,767,955	3,814,384	156,750	1,023,714	1,501,754	3,172,015
1967	206,505	1,397,522	1,781,571	3,988,179	158,441	1,095,022	1,487,692	3,282,437
1968	216,225	1,570,875	1,969,168	4,309,434	162,013	1,202,957	1,624,208	3,469,777
1969	207,998	1,650,972	2,119,482	4,643,221	159,956	1,292,284	1,722,018	3,742,363
1970	206,616	1,857,515	2,132,375	4,984,869	157,724	1,445,088	1,782,313	4,020,069
1971	206,856	2,092,294	2,270,153	5,596,904	161,293	1,659,825	1,871,515	4,560,418
1972	198,933	2,259,346	2,498,628	6,275,813	158,983	1,836,584	2,115,470	5,153,906
1973	237,103	2,681,124	2,844,763	7,135,957	192,507	2,179,740	2,358,291	5,840,929
1974	229,975	3,029,778	3,396,620	8,501,278	184,492	2,474,262	2,817,116	6,969,667
1975	217,335	3,183,499	3,567,106	8,989,399	173,963	2,587,166	2,897,909	7,264,581
1976	222,004	3,605,275	3,784,763	10,065,954	184,094	3,029,879	3,178,166	8,485,000
1977	205,662	3,695,312	4,053,774	10,613,635	166,605	3,036,554	3,393,503	8,804,748
1978[r]	220,264	4,186,858	4,105,481	10,979,467	167,380	3,227,146	3,396,581	9,005,862
1979[p]	214,490	4,437,445	4,340,209	11,538,465	162,418	3,412,575	3,568,706	9,417,404
1980	216,050	4,744,253	4,615,757	12,261,284	162,181	3,618,432	3,763,878	9,932,621

1) Preliminary estimate, 1979, intentions, 1980.

Source: SC, Construction Division,
Construction in Canada.

Table 21.10
Total Value of Construction Work Performed, Ontario, 1952-1980[1]

	New	Repair	Total
		$'000's	
1952	1,155,061	321,307	1,476,368
1953	1,305,046	329,191	1,634,237
1954	1,365,623	382,435	1,748,058
1955	1,541,853	381,236	1,923,089
1956	1,824,614	374,073	2,198,687
1957	2,096,995	440,722	2,537,717
1958	2,174,654	453,999	2,628,653
1959	1,931,021	487,660	2,418,681
1960	1,849,164	505,464	2,354,628
1961	1,828,322	500,558	2,328,880
1962	1,914,566	512,595	2,427,161
1963	2,090,561	531,751	2,622,312
1964	2,234,826	576,742	2,811,568
1965	2,611,390	639,110	3,250,500
1966	3,115,669	698,715	3,814,384
1967	3,231,661	756,518	3,988,179
1968	3,484,595	824,839	4,309,434
1969	3,825,351	817,870	4,643,221
1970	4,127,045	857,824	4,984,869
1971	4,661,922	934,982	5,596,904
1972	5,253,096	1,022,717	6,275,813
1973	5,981,483	1,154,474	7,135,957
1974	7,087,533	1,413,745	8,501,278
1975	7,493,166	1,496,233	8,989,399
1976	8,370,048	1,695,906	10,065,954
1977	8,724,291	1,889,344	10,613,635
1978[r]	8,914,240	2,065,227	10,979,467
1979[p]	9,212,925	2,325,540	11,538,465
1980	9,695,596	2,565,688	12,261,284

1) Preliminary actual, 1979; intentions, 1980.

Source: SC, *Construction in Canada*.

Table 21.11
Number and Value of Building Permits Issued, by Province, Canada, 1980

	Number of Dwelling Units						
	Single Dwellings	Cottages	Double Dwellings	Row Housing	Apartments	Conversions	Total
				Units			
Canada	87,527	2,122	10,360	9,227	46,261	2,283	157,780
Ontario	18,461	757	4,021	3,109	11,607	547	38,502
Newfoundland	1,293	2	87	176	598	29	2,185
Prince Edward Island	449	108	24	–	141	–	722
Nova Scotia	3,226	269	41	103	821	198	4,658
New Brunswick	1,480	25	33	–	80	99	1,717
Québec	15,763	606	2,543	692	10,338	964	30,906
Manitoba	1,538	76	26	87	249	3	1,979
Saskatchewan	2,796	32	137	41	2,428	5	5,439
Alberta	19,384	122	2,606	3,120	9,990	84	35,306
British Columbia	22,906	53	836	1,899	9,973	354	36,081
Yukon	154	72	6	–	36	–	268
Northwest Territories	17	–	–	–	–	–	17

Table 21.11 (cont'd.)

	Estimated Value of Construction				
	Residential	Industrial	Commercial	Institutional and Government	Total
			$'000's		
Canada	7,467,908	1,911,408	4,231,517	1,751,287	15,452,120
Ontario	1,960,036	710,297	1,306,934	427,638	4,404,905
Newfoundland	89,793	7,071	28,633	17,169	142,666
Prince Edward Island	24,776	7,799	10,695	2,563	45,833
Nova Scotia	177,181	37,858	75,016	38,121	328,176
New Brunswick	73,062	22,256	45,781	60,516	201,615
Québec	1,294,144	335,171	562,117	321,541	2,512,973
Manitoba	105,287	24,929	99,153	37,952	267,321
Saskatchewan	243,724	32,809	194,997	74,094	545,624
Alberta	1,743,694	484,056	1,348,864	438,423	4,015,037
British Columbia	1,744,414	237,921	643,237	325,428	2,951,000
Yukon	10,886	10,936	5,073	4,513	31,408
Northwest Territories	911	305	1,017	3,329	5,562

Source: SC, *Building Permits*, (64-203)

Table 21.12
Number of Building Permits Issued and Estimated Value of Construction, Canada and Ontario, 1966-1980

	Residential Units							
	Single Dwellings	Cottages	Double Dwellings	Row Housing	Apartments	Conversions	Total	Estimated Value
	Number of Units							$'000's
1966								
Canada	61,958	..	12,359	..	58,062	2,136	134,515	1,592,001
Ontario	27,766	..	3,368	..	29,199	577	60,910	728,037
1967								
Canada	65,411	..	13,867	..	81,914	2,257	163,479	1,923,644
Ontario	28,937	..	4,321	..	38,552	633	72,443	888,712
1968								
Canada	70,136	..	14,320	..	117,763	2,624	204,843	2,405,632
Ontario	31,973	..	5,227	..	51,146	743	89,089	1,123,191
1969								
Canada	65,765	..	11,702	..	114,942	2,581	194,990	2,429,190
Ontario	31,237	..	4,711	..	44,220	763	80,931	1,114,578
1970								
Canada	60,119	..	11,790	..	104,295	2,425	178,629	2,311,563
Ontario	23,640	..	4,776	..	49,008	707	78,131	1,079,037
1971								
Canada	84,055	2,708	16,657	...[1]	124,648[1]	2,337	230,405	3,203,063
Ontario	31,128	2,116	8,190	...[1]	54,833[1]	634	96,901	1,455,512
1972								
Canada	96,489	2,606	15,919	16,623	110,364	2,056	244,057	3,638,411
Ontario	35,724	2,047	8,515	9,218	49,124	576	105,204	1,714,080
1973								
Canada	112,428	2,644	14,185	16,067	123,861	2,047	271,232	4,763,082
Ontario	39,079	2,087	8,032	11,509	62,530	501	123,738	2,366,024
1974								
Canada	102,064	2,820	11,731	13,944	66,314	1,998	198,871	4,575,710
Ontario	31,384	2,015	5,900	9,291	33,223	529	82,342	2,002,203
1975								
Canada	118,635	2,592	16,725	19,460	80,798	1,460	239,670	6,128,940
Ontario	35,707	1,504	9,493	11,590	32,622	382	91,298	2,462,399
1976								
Canada	123,900	2,962	16,386	27,726	89,790	1,629	262,393	7,475,815
Ontario	32,321	1,164	8,861	16,023	25,218	408	83,995	2,563,363
1977								
Canada	106,768	2,958	19,782	24,307	97,853	1,971	253,639	7,612,531
Ontario	28,341	1,170	10,181	11,531	28,544	485	80,252	2,609,365
1978								
Canada	105,357	2,517	18,469	17,263	72,086	1,844	217,536	7,566,670
Ontario	26,536	1,012	8,233	8,681	25,214	402	70,078	2,496,117
1979								
Canada	102,227	2,164	15,828	11,521	54,251	2,146	188,137	7,767,074
Ontario	25,968	824	7,475	4,790	15,173	448	54,678	2,373,495
1980								
Canada	87,527	2,122	10,360	9,227	46,261	2,283	157,780	7,467,908
Ontario	18,461	757	4,021	3,109	11,607	547	38,502	1,960,036

Table 21.12 (cont'd.)
Number of Building Permits Issued and Estimated Value of Construction, Canada and Ontario, 1966-1980

	Non-Residential Units				Estimated Value			
	Industrial	Commercial	Institutional and Government	Total	Industrial	Commercial	Institutional and Government	Total
	Number of Units				$'000's			
1966								
Canada	..	..	..	..	473,661	736,726	912,702	2,123,089
Ontario	..	..	..	..	281,534	330,479	452,802	1,064,815
1967								
Canada	..	..	..	..	424,947	677,001	1,042,241	2,144,189
Ontario	..	..	..	..	200,868	280,856	515,514	997,238
1968								
Canada	..	..	..	..	530,670	696,203	1,143,210	2,370,083
Ontario	..	..	..	..	183,294	294,108	550,900	1,028,302
1969								
Canada	..	..	..	..	567,048	839,155	1,060,158	2,466,361
Ontario	..	..	..	..	297,807	382,683	507,290	1,187,780
1970								
Canada	..	..	..	..	497,682	807,374	1,083,540	2,388,596
Ontario	..	..	..	..	230,560	414,513	578,223	1,223,296
1971								
Canada	..	..	..	..	470,924	1,069,785	996,355	2,537,064
Ontario	..	..	..	..	196,882	488,607	459,263	1,144,752
1972								
Canada	..	..	..	..	520,479	1,411,599	893,119	2,825,197
Ontario	..	..	..	..	278,890	564,472	430,965	1,274,327
1973								
Canada	14,223	39,082	5,706	59,011	853,754	1,970,340	971,762	3,795,856
Ontario	8,029	15,063	2,161	25,253	428,004	849,323	377,689	1,655,016
1974								
Canada	14,910	38,357	5,940	59,207	1,315,898	2,292,665	1,095,802	4,704,365
Ontario	8,465	14,368	2,603	25,436	533,896	905,229	385,367	1,824,492
1975								
Canada	15,074	41,023	6,221	62,318	875,826	2,251,483	1,341,786	4,469,095
Ontario	8,133	17,114	2,500	27,747	434,829	918,508	493,205	1,846,542
1976								
Canada	15,696	43,550	5,825	65,071	1,010,015	2,545,513	1,167,988	4,723,516
Ontario	7,572	16,511	2,292	26,375	473,498	685,839	351,622	1,510,959
1977								
Canada	16,967	44,906	5,927	67,800	1,011,957	2,444,382	1,350,940	4,807,279
Ontario	7,870	16,497	2,317	26,684	443,756	711,253	410,783	1,565,792
1978								
Canada	18,906	49,628	6,661	75,195	1,053,590	3,140,478	1,373,956	5,568,024
Ontario	9,722	18,764	2,780	31,266	471,537	973,359	300,312	1,745,208
1979								
Canada	18,943	54,344	7,327	80,614	1,315,545	3,727,162	1,334,162	6,376,869
Ontario	9,586	19,217	2,713	31,516	576,432	1,032,055	344,490	1,952,977
1980								
Canada	18,496	54,727	7,940	81,163	1,911,408	4,321,517	1,751,287	7,984,212
Ontario	9,599	18,896	2,783	31,278	710,297	1,306,934	427,638	2,444,869

1) Row housing is included with Apartments.

Source: SC, *Building Permits*, (64-203).

Table 21.13
Dwelling Starts, Completions and Under Construction, Canada and Ontario, 1950-1980

	Starts		Completions		Under Construction	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
1950	92,531	33,430	89,075	31,318	60,538	24,331
1951	68,579	27,349	81,310	31,732	45,926	19,258
1952	83,246	30,016	73,087	27,461	55,689	20,513
1953	102,409	38,873	96,839	35,173	59,923	24,134
1954	113,527	46,382	101,965	41,085	68,641	27,941
1955	138,276	53,456	127,929	51,612	79,339	29,794
1956	127,311	48,712	135,700	51,201	68,579	26,232
1957	122,340	47,739	117,283	45,087	72,573	29,782
1958	164,632	63,753	146,686	59,551	88,162	33,414
1959	141,345	54,158	145,671	54,281	81,905	32,827
1960	108,858	42,282	123,757	46,982	65,773	28,335
1961	125,577	48,144	115,608	43,754	73,583	31,936
1962	130,095	44,306	126,682	47,287	76,153	28,932
1963	148,624	55,957	128,191	43,400	96,613	41,401
1964	165,658	65,617	150,963	57,739	107,718	48,835
1965	166,565	66,767	153,037	56,568	119,854	58,172
1966	134,474	52,355	162,192	68,407	88,621	39,478
1967	164,123	68,121	149,242	58,278	102,716	48,816
1968	196,878	80,375	170,993	68,003	126,638	60,035
1969	210,415	81,446	195,826	80,236	137,357	60,615
1970	190,528	76,675	175,827	69,331	148,185	66,912
1971	233,653	89,980	201,232	74,149	177,257	82,465
1972	249,914	102,933	232,227	96,438	188,630	87,358
1973	268,529	110,536	246,581	98,262	207,236	98,566
1974	222,123	85,503	257,243	104,360	168,406	78,517
1975	231,456	79,968	216,964	81,865	176,599	75,690
1976	273,203	84,682	236,249	80,302	204,286	78,359
1977	245,724	79,130	251,789	80,717	185,599	75,518
1978	227,667	71,710	246,553	80,429	164,702	66,106
1979	197,049	56,887	226,489	76,570	128,601	44,851
1980	158,601	40,127	176,168	33,560	105,780	31,187

Source: Canada Mortgage and Housing Corporation, *Canadian Housing Statistics*

Table 21.14
Dwelling Starts by Type, Canada and Ontario, 1959-1980

	Single-Detached		Semi-Detached and Duplex		Row		Apartment and Other	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
1959	92,178	34,694	10,468	3,371	1,908	482	36,791	15,611
1960	67,171	23,979	9,699	2,963	2,301	920	29,687	14,420
1961	76,430	26,227	11,650	3,962	1,864	664	35,633	17,291
1962	74,443	23,386	10,975	3,222	3,742	1,285	40,935	16,413
1963	77,158	27,000	7,891	4,265	3,895	2,300	59,680	22,392
1964	77,079	27,880	8,706	3,827	4,755	2,833	75,118	31,077
1965	75,441	26,572	7,924	3,006	5,306	3,802	77,894	33,387
1966	70,642	26,229	7,281	3,275	5,000	3,927	51,551	18,924
1967	72,534	26,595	9,939	3,914	7,392	4,952	74,258	32,660
1968	75,339	29,582	10,114	4,598	8,042	5,480	103,383	40,715
1969	78,404	30,556	10,373	4,928	10,721	5,915	110,917	40,047
1970	70,749	21,577	10,826	4,624	17,055	8,130	91,898	42,344
1971	98,056	31,088	13,751	7,395	15,659	7,602	106,187	43,895
1972	115,570	37,932	13,649	8,237	16,980	8,811	103,715	47,953
1973	131,552	42,751	13,235	7,950	17,291	11,977	106,451	47,858
1974	122,143	33,886	11,023	6,058	14,932	9,518	74,025	36,041
1975	123,929	33,669	15,403	8,543	21,763	12,212	70,361	25,544
1976	134,313	32,252	15,890	8,502	33,676	17,918	89,324	26,010
1977	108,403	27,899	18,373	10,364	26,621	13,782	92,327	27,085
1978	110,029	27,949	19,932	8,607	20,379	9,073	77,327	26,081
1979	109,117	28,261	16,296	7,899	13,249	5,745	58,387	14,982
1980	87,721	18,693	11,149	4,628	11,402	3,826	48,329	12,980

Source: Canada Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Table 21.15
Dwelling Starts by Type, by Census Metropolitan Area[1], Ontario, 1970-1980

	Hamilton	Kitchener	London	Oshawa[2]	Ottawa, city of	St. Catharines-Niagara	Sudbury	Thunder Bay	Toronto	Windsor
Single-Detached										
1970	997	849	774	363	1,288	994	995	285	3,566	719
1971	2,155	1,323	1,339	578	1,613	1,465	1,268	275	6,972	853
1972	2,820	1,772	1,950	1,015	1,657	1,831	591	403	9,101	1,089
1973	2,862	1,593	1,770	812	1,491	2,098	515	598	8,039	1,017
1974	2,155	1,347	1,249	356	784	1,807	374	623	6,110	1,210
1975	1,890	1,764	1,574	568	996	1,777	687	491	7,338	887
1976	1,471	1,891	1,235	801	1,098	1,978	718	590	6,216	1,071
1977	1,624	1,345	1,389	842	1,153	1,295	678	670	5,472	896
1978	1,219	1,127	1,453	955	1,165	965	336	584	6,257	1,035
1979	1,400	1,181	1,304	632	1,476	724	439	424	7,420	1,227
1980	1,178	696	597	350	606	435	268	143	7,547	237
Semi-Detached and Duplex										
1970	175	216	172	422	276	149	132	157	2,250	108
1971	260	488	257	381	364	190	226	129	3,670	132
1972	434	362	147	122	146	268	85	149	5,484	212
1973	480	454	84	346	319	403	32	65	3,857	178
1974	286	384	146	222	522	408	28	68	2,552	158
1975	447	343	375	503	601	742	90	20	3,598	28
1976	367	282	234	792	654	518	184	66	3,205	54
1977	810	369	274	458	1,144	502	290	152	4,086	26
1978	846	494	578	651	1,242	276	48	167	2,900	8
1979	405	152	210	86	751	116	68	76	4,867	–
1980	261	70	34	184	251	86	36	16	3,194	14
Row										
1970	727	550	546	66	1,079	256	217	24	2,689	373
1971	750	620	641	-	1,180	45	242	35	2,577	500
1972	959	434	591	53	1,339	225	147	87	3,537	340
1973	868	569	473	296	1,883	480	91	21	5,927	99
1974	822	795	724	429	1,016	374	-	48	4,071	24
1975	1,695	624	710	761	1,297	422	-	73	4,744	62
1976	1,613	917	1,128	872	2,692	543	-	283	7,462	35
1977	809	612	664	684	2,506	116	152	245	6,081	37
1978	46	252	436	354	2,726	66	–	40	4,401	25
1979	80	119	191	190	995	–	–	54	3,070	426
1980	171	50	108	20	895	64	-	-	2,279	-
Apartment and Other										
1970	2,646	1,460	1,246	451	5,561	411	617	256	23,918	756
1971	2,243	1,474	2,955	612	5,446	1,114	2,025	76	21,990	729
1972	4,108	2,781	2,756	642	7,666	1,895	862	500	20,573	1,342
1973	4,498	2,438	1,545	367	8,258	956	295	671	19,874	739
1974	2,705	1,559	1,192	582	5,005	644	47	135	16,847	1,210
1975	2,688	649	1,124	544	1,228	254	145	335	10,777	666
1976	2,039	836	721	1,035	673	1,128	156	552	9,672	842
1977	713	1,140	1,646	688	2,162	428	145	553	12,279	860
1978	420	201	2,352	223	1,880	1,076	128	342	12,493	1,443
1979	–	677	1,123	211	1,120	325	152	123	6,022	1,061
1980	88	209	691	215	466	86	24	154	7,184	1,004

(1) Data for 1970-1971 on 1966 Census Area definitions. Data for 1972-76 on 1971 Census definition. Subsequent data on 1976 Census definition.
(2) Oshawa became a CMA in 1976.

Source: Canada Mortgage and Housing Corporation, *Canadian Housing Statistics*

Table 21.16
Dwelling Starts Financed by NHA and Other, by Census Metropolitan Area[1], Ontario, 1978-1980

	1978					1979					1980				
	Single-Detached	Semi-Detached and Duplex	Apartments and Row	Apartments and Other	Total	Single-Detached	Semi-Detached and Duplex	Apartments and Row	Apartments and Other	Total	Single-Detached	Semi-Detached and Duplex	Apartments and Row	Apartments and Other	Total
	Units														
Financed by NHA															
Hamilton	126	289	–	108	523	98	98	–	–	196	97	139	26	40	302
Kitchener	184	254	131	–	569	133	94	91	421	739	41	–	22	90	162
London	137	276	288	1,231	1,932	91	36	70	861	1,058	44	6	–	142	192
Ottawa, city of	123	862	1,859	1,880	4,724	399	488	800	1,120	2,807	43	124	265	443	875
St. Catharines-Niagara	133	181	–	819	1,133	134	40	–	272	446	19	74	–	64	157
Sudbury	54	30	–	124	208	16	46	–	152	214	58	–	–	24	82
Thunder Bay	65	109	40	246	460	24	10	54	86	174	2	–	–	22	24
Toronto	731	560	3,141	12,045	16,477	669	724	1,031	4,869	7,293	422	470	1,073	5,208	7,173
Windsor	172	–	15	1,134	1,321	230	–	344	543	1,117	5	–	–	426	431
Oshawa	152	541	354	138	1,185	118	29	–	167	314	23	94	20	186	323
Other than Those Financed by NHA															
Hamilton	1,093	557	46	312	2,008	1,302	307	80	–	1,689	1,081	122	145	48	1,396
Kitchener	943	240	121	201	1,505	1,048	58	28	256	1,390	655	70	28	110	863
London	1,316	302	148	1,121	2,887	1,213	174	121	262	1,770	553	28	108	549	1,238
Ottawa, city of	1,042	380	867	–	2,289	1,077	263	195	–	1,535	563	127	630	23	1,343
St. Catharines-Niagara	832	95	66	257	1,250	590	76	–	53	719	416	12	64	22	514
Sudbury	282	18	–	4	304	423	22	–	–	445	210	36	–	–	246
Thunder Bay	519	58	–	96	673	400	66	–	37	503	141	16	–	132	289
Toronto	5,526	2,340	1,260	448	9,574	6,751	4,143	2,039	1,153	14,086	7,125	2,724	1,206	1,976	13,031
Windsor	863	8	10	309	1,190	997	–	82	518	1,597	232	14	–	578	824
Oshawa	803	110	–	85	998	514	57	190	44	805	327	90	–	29	446

1) Data on 1976 Census definition.

Source: Canada Mortgage and Housing Corporation, Ontario Regional Office.

Table 21.17
Dwelling Starts by Type of Financing, Canada and Provinces, 1979-1980

	Non-NHA Financed		NHA Financed Canada Mortgage and Housing					
			Non-Profit Housing Assistance		Federal-Provincial		Other	
	1979	1980	1979	1980	1979	1980	1979	1980
	Dwelling Units							
Canada	148,346	125,960	6,986	1,505	2,845	2,018	192	197
Ontario	39,278	28,215	2,010	395	58	125	56	24
Newfoundland	2,509	2,992	–	–	309	315	20	11
Prince Edward Island	846	423	–	–	–	14	–	–
Nova Scotia	3,024	2,888	109	–	785	479	–	–
New Brunswick	4,390	2,271	10	–	56	74	4	–
Quebec	30,658	20,245	4,173	969	–	–	74	11
Manitoba	3,774	1,734	361	141	24	–	6	3
Saskatchewan	7,990	4,246	–	–	1,567	971	1	–
Alberta	34,142	29,310	237	–	29	5	18	100
British Columbia	21,735	33,636	86	–	17	35	13	48

Table 21.17 (cont'd.)

	NHA Financed Approved Lenders							
	Rental Section		Home Ownership		Other[1]		Grand Total	
	1979	1980	1979	1980	1979	1980	1979	1980
	Dwelling Units							
Canada	17,272	7,965	3,794	2,116	17,614	18,840	97,049	158,601
Ontario	7,698	3,688	268	32	7,519	7,648	56,887	40,127
Newfoundland	96	338	6	4	59	188	2,999	3,848
Prince Edward Island	98	–	110	15	14	23	1,068	475
Nova Scotia	108	288	170	4	342	236	4,538	3,895
New Brunswick	81	–	87	17	393	284	5,021	2,646
Quebec	770	474	2,332	1,649	3,723	5,838	41,730	29,186
Manitoba	503	36	212	–	892	683	5,772	2,597
Saskatchewan	1,418	629	77	5	689	399	11,742	6,250
Alberta	2,692	862	338	278	2,491	1,476	39,947	32,031
British Columbia	3,808	1,650	194	112	1,492	2,065	27,345	37,546

1) Includes Non-profit and Public and Private Initiated Housing.

Source: Canada Mortgage and Housing Corporation, Ontario Regional Office.

Section
22

Transportation

Highlights

- **Motor Vehicle Registration** – The total number of vehicles registered in Canada rose from 13.0 million in 1978 to 13.3 million in 1979, an increase of 2.8 per cent. Comparable data for Ontario showed a 3.6 per cent increase between 1978 and 1979, rising from 4.5 million vehicles to 4.6 million.

  In 1979, of the total number of motor vehicles registered in Ontario, 79.4 per cent were passenger cars, 18.0 per cent were trucks and tractors, 0.5 per cent were buses, and 2.0 per cent were motorcycles.

- **Highway and Road Kilometres** – Total Ontario road kilometres rose by 2.3 per cent between 1974 and 1979 to reach 160,168.3 kilometres. Of this total in 1979, King's highway accounted for 9.9 per cent, county roads for 7.9 per cent, organized township roads for 46.8 per cent, and cities, town and village streets for 20.9 per cent.

- **Shipping** – In 1980, the number of transits, excluding pleasure craft, in the Montreal-Lake Ontario Section of the St. Lawrence Seaway increased 2.3 per cent from the 4,846 recorded in 1979. The number of transits in the Welland Section was up in 1980, rising to 6,567 from 6,532 in 1979, an increase of 0.5 per cent.

- **Railway Revenue Freight** – Total carload and non-carload freight loaded onto railway cars in Ontario in 1978 showed 51.9 million tons, a 5.3 per cent decrease over the corresponding figure for 1977. Of the 1978 total, inedible crude materials accounted for 42.7 per cent, followed by inedible fabricated materials with 27.8 per cent.

- **Air Traffic** – In 1979 in Ontario, Toronto International Airport was by far the busiest airport handling 39,530 domestic arriving flights and 39,502 domestic departing flights. It was followed by Ottawa International Airport with 17,686 and 17,752 flights, respectively.

  Toronto International Airport handled an arriving cargo of 41.8 million kilograms and a departing cargo of 57.3 million kilograms on domestic services in 1979. Toronto International Airport handled over 7.7 million enplaned and deplaned passengers in 1979 compared with 2.1 million enplaned and deplaned passengers for Ottawa International Airport.

Definitions

Delivered to U.S. Rail

(a) traffic delivered to United States rail connections or transported across the border;

(b) deliveries to United States rail connections of freight originated in the U.S. and moved overland through Canada.

Loaded

(a) revenue freight originating directly on the road, including that received from private, non-reporting industrial sidings;

(b) freight received from switching roads, where such freight has not previously been given line haul transportation;

(c) freight received from other modes of transport;

(d) freight reshipped following milling or fabrication at some point in transit;

(e) idler or trailer cars.

Received from U.S. Rail Destined to Canadian Points – Traffic received from United States rail connections, or transported across the border destined to Canadian points.

Unloaded

(a) freight terminating directly on the road, including that delivered to private, non-reporting industrial sidings and grain unloaded at interior, lake and coastal elevators for export;

(b) freight delivered to switching roads, where there is no further line haul;

(c) freight delivered to other modes of transport;

(d) freight unloaded for milling or fabrication at some point in transit.

Transit – A partial or complete upbound or downbound passage of a vessel through one or more locks of a Seaway Canal.

Cargo Tonnes – The number of metric tonnes of cargo carried by a vessel on each or any transit.

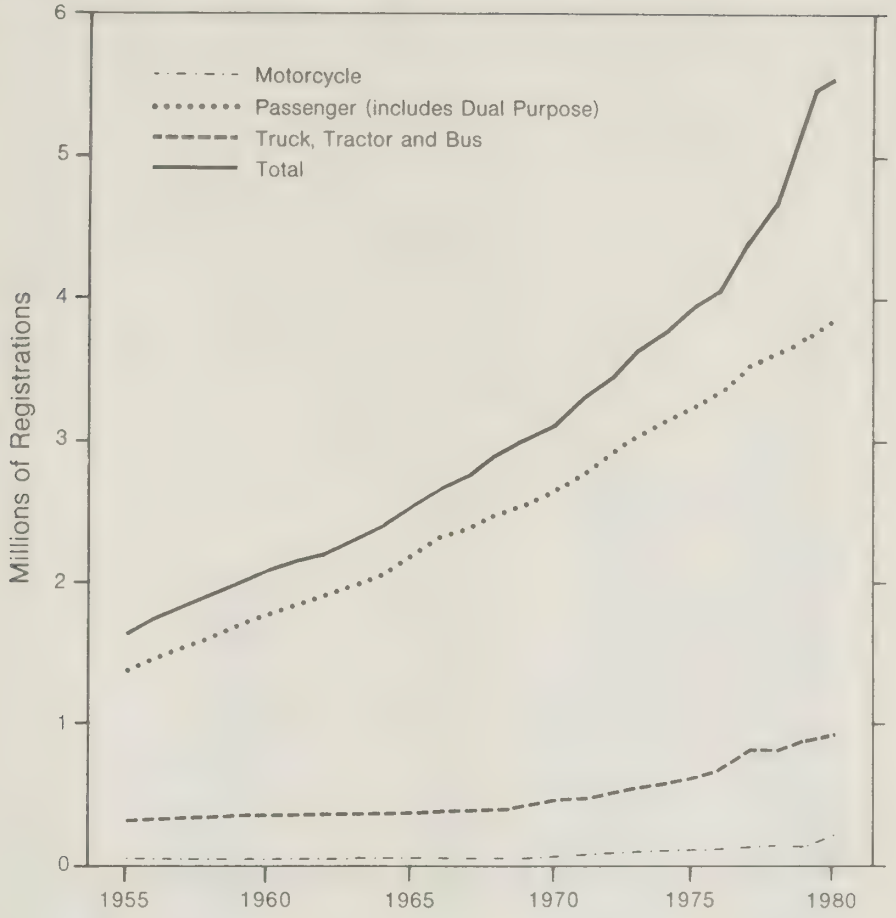
Tug and Barge Combinations – The assessment of tolls requires tugs and barges in common transit to be considered as one unit. The number of transits shown under this category represents the number of combined passages plus the number of individual tugs transiting the Seaway.

Itinerant Aircraft Movement – Situation where aircraft enters or leaves the airport tower control zone.

Local Aircraft Movement – Situation where an aircraft takes off, stays within tower control zone and lands at the same airport. If the aircraft leaves the tower control zone it is no longer local.

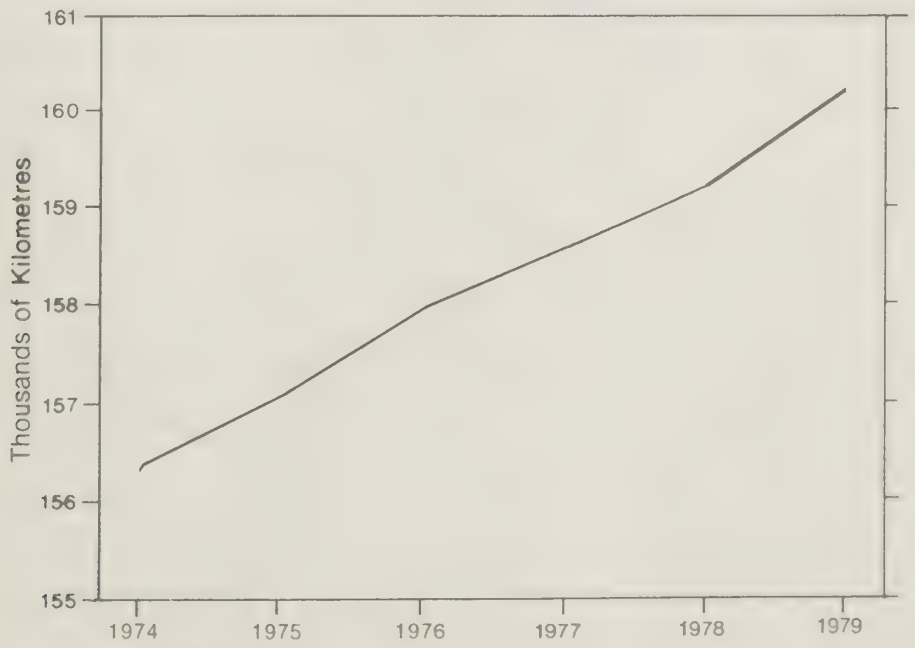
Unit Toll – Public transportation of persons, mail and/or goods by aircraft on a per unit basis.

Graph 22.A
Motor Vehicle Registrations, Ontario, 1955-1980



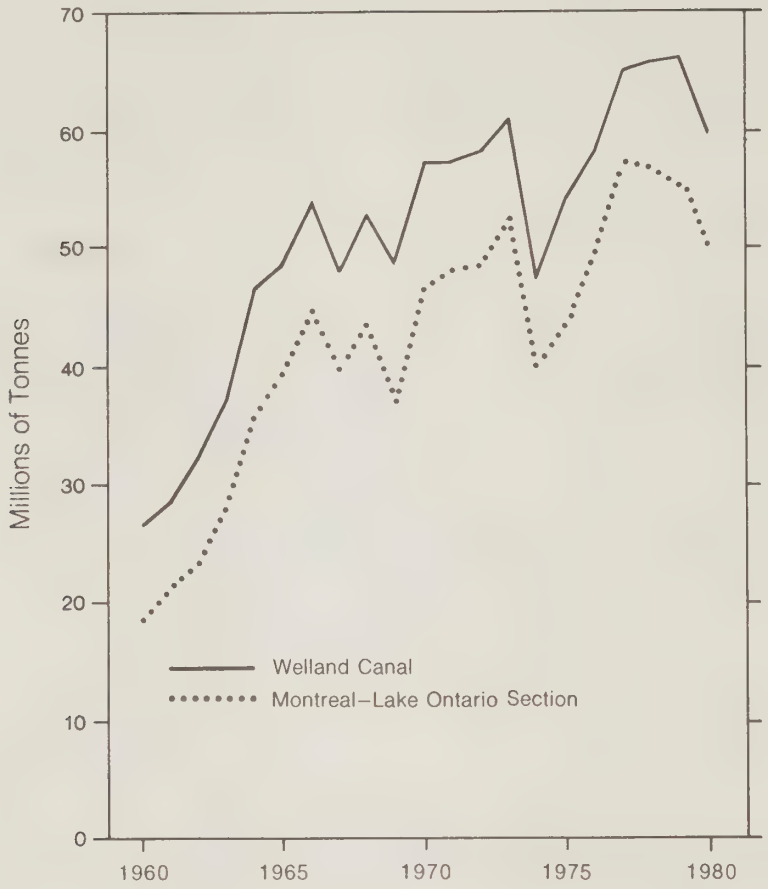
Refer to Table 22.2.

Graph 22.B
Total Highway and Road Length, Ontario, 1973-1979



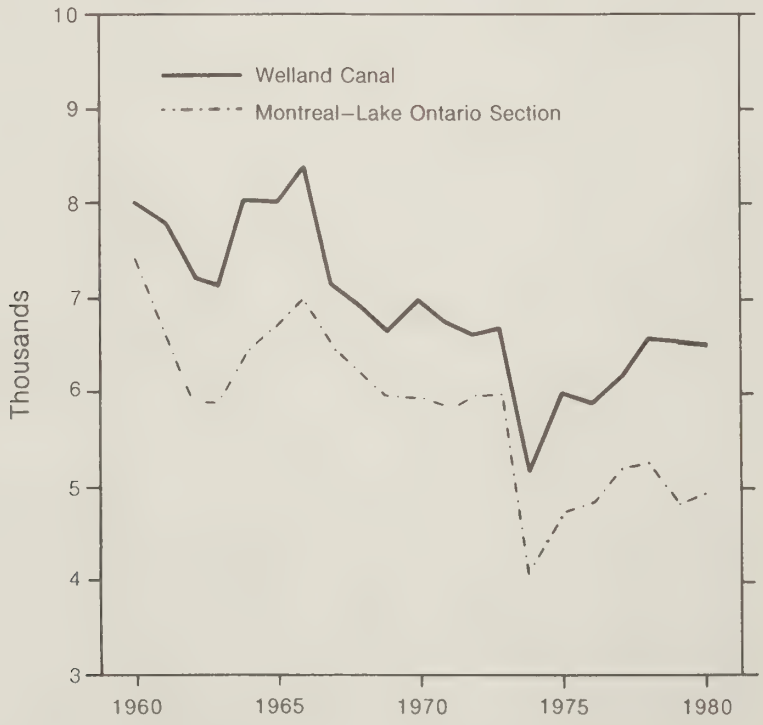
Refer to Table 22.3

Graph 22.C
St. Lawrence Seaway Tonnage, 1960-1980



Refer to Table 22.6.

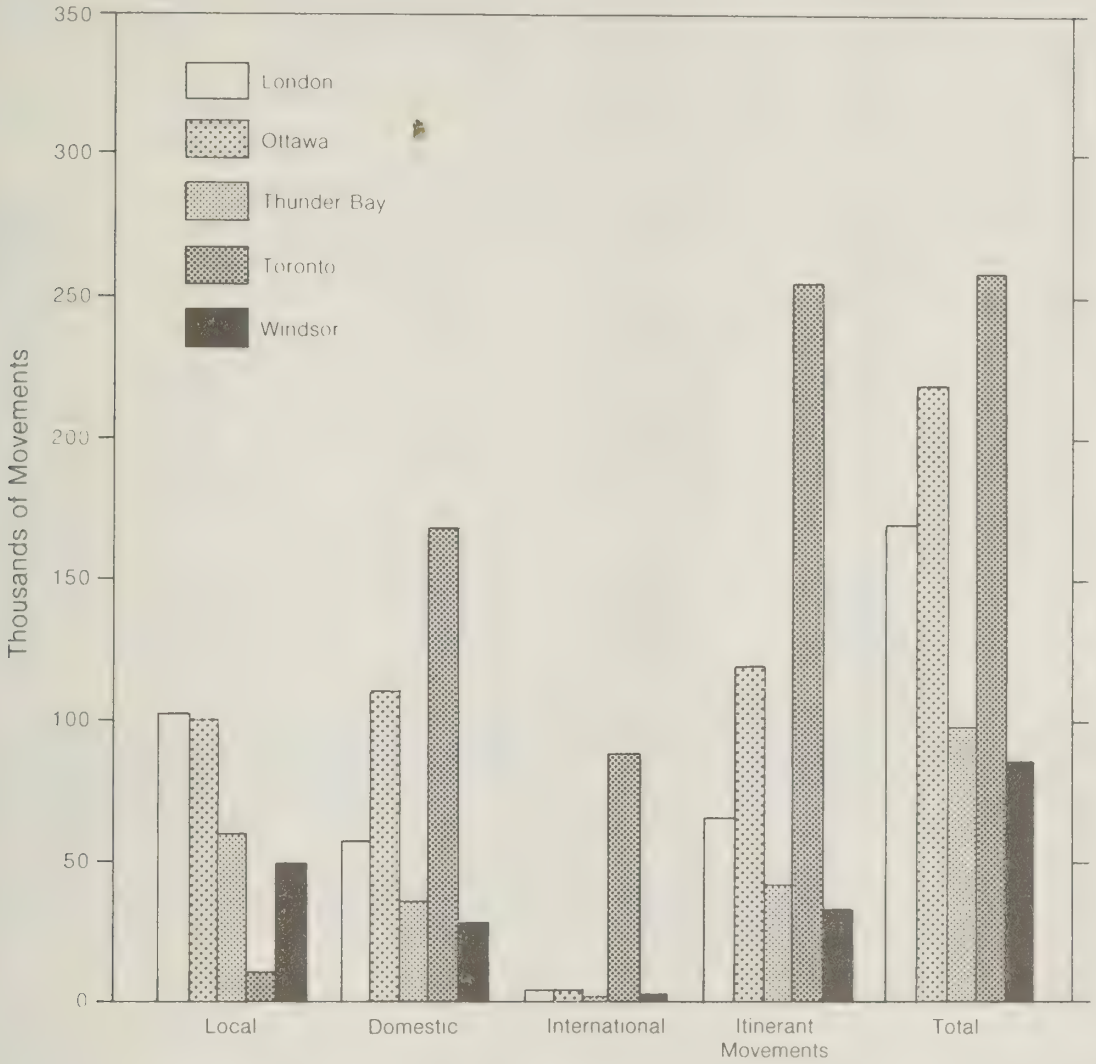
Graph 22.D
St. Lawrence Seaway Transits, 1960-1980



Refer to Table 22.6.

Graph 22.E

Distribution of Total Aircraft Movements at Air Traffic Controlled Airports by Selected City, Ontario, 1979



Refer to Table 22.5

Table 22.1
Motor Vehicle Registrations[1], Canada, 1962-1979

	Passenger automobiles	Trucks and buses[2]	Motorcycles	Other[3]	Total
			'000's		
1962	4,531.4	1,115.2	33.1	95.1	5,774.8
1963	4,788.9	1,144.2	37.2	104.4	6,074.7
1964	5,037.9	1,186.9	47.1	110.2	6,382.0
1965	5,279.4	1,231.7	74.0	113.7	6,698.8
1966	5,480.7	1,279.9	107.9	166.7	7,035.3
1967	5,865.7	1,312.7	125.7	177.9	7,482.0
1968	6,159.6	1,389.1	140.3	198.1	7,887.1
1969	6,433.3	1,461.6	138.4	220.9	8,254.2
1970	6,602.2	1,481.2	157.4	256.6	8,497.3
1971	6,967.2	1,556.6	198.9	299.5	9,022.1
1972	7,407.3	1,682.0	248.5	143.7	9,481.4
1973	7,866.1	1,843.9	287.8	160.6	10,158.4
1974	8,328.4	2,026.2	320.0	180.0	10,854.6
1975	8,692.8	2,177.4	326.6	81.7	11,278.5
1976	9,016.3	2,316.8	341.3	57.5	11,786.3
1977	9,554.3	2,494.3	372.0	126.6	12,547.2
1978	9,745.0	2,770.8	341.4[r]	118.3	12,975.4
1979	9,985.1	2,907.1	332.9	113.5	13,338.7

1) The statistics on road vehicle registrations shown in this table have been obtained from the twelve provincial and territorial governments across the nation, each of whom has its own distinct registrations system. Consequently, the content and comparability of these statistics varies considerably between the provinces and territories and over time. These differences are described in some detail in the Statistics Canada publication *Road Motor Vehicles – Registrations*, Catalogue number 53-219. Enquiries concerning these statistics should be directed to the Transportation and Communications Division, Statistics Canada, Ottawa, Ontario K1A 0T6 (Tel.: 613-996-9271).
2) Figures not complete as certain classes of trucks and/or buses have been included under passenger automobiles by some provinces. Also, a small number of automobiles used as delivery vehicles have been licenced as trucks in one province for the years 1961 to 1967.
3) Includes farm tractors (where registered), ambulances, mopeds (beginning in 1975), etc.
4) Includes Nova Scotia, Prince Edward Island and Québec only.

Source: SC, *Road Motor Vehicles – Registrations*, (53-219).

Table 22.2
Motor Vehicle Registrations, Permits Issued and Transfers, Ontario, 1978-1980

	1978	1979[r]	Percentage increase or (decrease)	1980[p]	Percentag increase o (decrease
Registrations					
Passenger	3,597,371	3,691,971	2.6	3,753,405	1.
Truck and Tractor	771,018	834,356	8.2	871,093	4.
Bus	19,814	21,603	9.0	22,210	2.
Motorcycle	86,377	90,957	5.3	103,823	14.
Trailer	573,099	587,949	2.6	560,033	−4.
Snow Vehicle	199,502	195,184	−2.2	146,019	−25.
Moped	9,511	8,052	−15.4	7,479	−7.
Permits Issued					
Dealers	6,660	7,173	7.7	7,770	8.
Garages	13,925	5,862	−57.9	5,988	2.
Transfers					
Dealers	551,403	547,567	−0.7	524,016	−4.
Paid	917,596	872,468	−4.9	870,521	−0.
Unit Vehicle Transfers					
Dealers	133,145	133,440	0.2	135,100	1
Paid	144,706	146,236	1.1	143,692	−1.

Source: Ministry of Transportation and Communications, Vehicles Licensing Office.

Table 22.3
Highway and Road Kilometres, Ontario, 1974-1979

	1974	1975	1976	1977	1978	1979
			Kilometres			
King's Highway	15,766.9	15,784.9	15,823.6	15,896.3	15,854.1	15,838.0
Concrete	558.3	552.7	554.5	560.8	514.3	409.6
High-Class Bituminous	14,008.6	14,319.8	14,214.2	14,363.6	14,519.4	14,691.1
Low-Class Bituminous	1,008.5	817.5	920.7	850.4	760.2	640.5
Gravel and Crushed Stone	191.5	94.9	134.2	121.5	60.2	96.8
Secondary Highway	4,718.4	4,894.4	5,101.6	5,173.3	5,184.3	5,208.1
High-Class Bituminous	469.8	548.7	504.5	662.7	805.5	882.4
Low-Class Bituminous	2,527.1[1]	2,496.0	2,942.1	2,844.3	2,808.8	2,986.8
Gravel and Crushed Stone	1,716.7[1]	1,845.2	1,650.5	1,661.8	1,570.0	1,338.9
Earth	4.8	4.5	4.5	4.5	–	–
Tertiary Roads	589.7	396.4	324.7	406.0	406.0	517.9
High-Class Bituminous	37.0	–	–	2.7	2.7	53.9
Low-Class Bituminous	108.0[1]	107.3	24.1	33.5	33.5	12.1
Gravel and Crushed Stone	444.7	289.1	300.6	369.8	369.8	451.9
County Roads	12,370.5	12,379.9	12,397.2	12,464.8	12,537.9	12,592.5
Concrete	69.2	57.3	57.3	21.7	19.3	20.9
High-Class Bituminous	5,719.7	5,867.7	5,991.3	6,238.0	6,444.0	6,572.7
Low-Class Bituminous	3,724.5	3,687.5	3,736.9	3,680.1	3,603.5	3,663.6
Gravel and Crushed Stone	2,851.3	2,763.8	2,608.8	2,511.5	2,450.6	2,318.4
Earth	3.1	3.1	2.4	13.2	16.8	16.4
Other	2.7	0.5	0.5	0.3	3.7	0.5
Regional Roads	6,037.4	6,484.8	6,580.4	6,849.0	6,839.2	6,838.6
Concrete	23.2	19.0	16.4	14.8	10.8	12.9
High-Class Bituminous	3,043.4	3,611.9	3,738.9	4,034.0	4,111.4	4,313.8
Low-Class Bituminous	2,114.2	2,036.4	2,086.8	2,127.0	2,090.2	1,932.3
Gravel and Crushed Stone	830.7	784.2	709.7	648.9	600.4	570.1
Earth	19.1	16.1	9.3	3.4	7.1	0.8
Other	6.8	17.2	19.3	20.9	19.3	8.7

Table 22.3 (cont'd.)
Highway and Road Kilometres, Ontario, 1974-1979

	1974	1975	1976	1977	1978	1979
			Kilometres			
Metropolitan						
Roads	650.3	696.9	719.8	722.3	723.9	722.1
Concrete	1.8	–	4.5	4.7	5.0	5.0
High-Class Bituminous	643.4	686.1	709.0	711.3	712.6	712.9
Low-Class Bituminous	2.7	5.1	–	–	–	–
Gravel and Crushed Stone	0.6	3.9	2.9	2.9	2.9	2.9
Other	1.8	1.8	3.4	3.4	3.4	1.3
Organized						
Township Roads	77,597.9	78,017.0	75,013.6	75,189.9	74,673.5	74,949.7
Concrete	18.2	9.8	9.3	9.3	10.1	12.4
High-Class Bituminous	4,774.1	4,979.0	2,703.5	2,740.3	2,654.9	3,066.4
Low-Class Bituminous	6,305.2	6,733.2	6,626.6	7,006.1	7,323.3	7,759.9
Gravel and Crushed Stone	56,709.2	56,103.4	55,603.1	55,287.0	54,680.5	54,243.2
Earth	3,277.0	3,350.9	3,252.2	3,228.6	3,228.3	3,204.7
Other	6,514.2	6,840.7	6,818.9	6,918.6	6,776.4	6,663.1
Unorganized						
Township Roads	9,826.2	9,779.0	9,913.4	9,848.7	10,103.4	9,969.4
High-Class Bituminous	70.2	80.6	82.4	76.1	93.8	103.0
Low-Class Bituminous	95.4	106.5	141.9	182.7	202.1	202.9
Gravel and Crushed Stone	8,627.0	8,598.2	8,736.5	8,639.8	8,844.6	8,695.1
Earth	669.5	643.4	631.2	633.1	628.8	631.1
Other	364.1	350.3	321.4	317.0	334.1	337.3
City, Town and Village Streets	29,017.0	28,894.7	32,315.9	32,291.4	33,093.5	33,532.0
Concrete	391.2	382.6	455.1	314.3	295.5	306.9
High-Class Bituminous	11,515.6	12,078.1	15,197.0	15,360.9	16,577.1	17,333.7
Low-Class Bituminous	6,764.7	6,569.5	7,315.2	7,574.8	7,259.4	7,088.3
Gravel and Crushed Stone	7,845.6	7,428.0	6,856.7	6,556.1	6,436.7	6,262.4
Earth	600.5	422.4	459.5	377.6	370.6	367.4
Other	1,899.4	2,014.1	2,032.4	2,107.7	2,154.6	2,173.3
Total Road Kilometres	156,574.3	157,328.0	158,190.2	158,841.7	159,415.8	160,168.3

1) These figures are the result of updated surface-type inventory.

Source: Ministry of Transportation and Communications.

Table 22.4
International and Mainline Domestic Flights, by Selected City, Ontario, 1979

	Arriving Flights						
		Arriving load			Deplaned load		
	No. of flights	No. of passengers	Mail ('000's (Kg.)	Cargo ('000's Kg.)	No. of passengers	Mail ('000's Kg.)	Cargo ('000's Kg.)
Hamilton	. .	122,040	49	698	61,541	28	416
Scheduled Services	2,309	121,972	49	698	61,473	28	416
Domestic	1,759	101,106	49	473	52,825	28	261
International							
U.S.	550	20,866	–	225	8,648	–	155
Other	–	–	–	–	–	–	–
International Charter	. .	68	–	–	68	–	–
Ottawa International	. .	1,307,254	2,884	5,058	939,076	1,760	3,052
Scheduled Services	18,056	1,290,223	2,884	5,019	922,045	1,760	3,013
Domestic	17,686	1,260,803	2,868	4,913	893,430	1,744	2,911
International							
U.S.	367	28,858	16	106	28,442	16	102
Other	3	562	–	–	173	–	–
International Charter	. .	17,031	–	39	17,031	–	39
Thunder Bay	. .	305,600	764	1,969	212,008	658	1,329
Scheduled Services	4,925	305,600	764	1,969	212,008	658	1,329
Domestic	4,258	294,599	755	1,845	201,082	649	1,205
International							
U.S.	667	11,001	9	124	10,926	9	124
Other	–	–	–	–	–	–	–
International Charter	. .	–	–	–	–	–	–
Toronto International	. .	7,331,167	15,683	94,288	7,100,887	14,952	88,493
Scheduled Services	67,114	6,723,299	15,683	93,170	6,493,019	14,952	87,375
Domestic	39,530	3,968,574	10,267	41,765	3,803,687	9,618	38,848
International							
U.S.	23,763	2,093,353	4,249	38,427	2,036,442	4,167	35,710
Other	3,821	661,372	1,167	12,978	652,890	1,167	12,817
International Charter	. .	607,868	–	1,118	607,868	–	1,118
Windsor	. .	189,104	549	518	164,704	416	356
Scheduled Services	2,696	170,122	549	513	145,722	416	351
Domestic	2,688	169,384	549	507	145,722	416	351
International							
U.S.	8	738	–	6	–	–	–
Other	–	–	–	–	–	–	–
International Charter	. .	18,982	–	5	18,982	–	5

Table 22.4 (cont'd.)
International and Mainline Domestic Flights, by Selected City, Ontario, 1979

	Departing Flights						
		Enplaned load			Departing load		
	No. of flights	No. of passengers	Mail ('000's (Kg.)	Cargo ('000's Kg.)	No. of passengers	Mail ('000's Kg.)	Cargo ('000's Kg.)
Hamilton	. .	59,786	42	187	120,267	63	465
Scheduled Services	2,306	59,722	42	185	120,203	63	463
Domestic	1,760	50,979	42	182	95,695	63	442
International							
U.S.	546	8,743	–	3	24,508	–	21
Other	–	–	–	–	–	–	–
International Charter	. .	64	–	2	64	–	2
Ottawa International	. .	934,629	3,733	2,375	1,302,796	4,861	4,383
Scheduled Services	18,114	917,044	3,733	2,370	1,285,211	4,861	4,378
Domestic	17,752	891,285	3,701	2,325	1,259,355	4,829	4,332
International							
U.S.	362	25,759	32	45	25,856	32	46
Other	–	–	–	–	–	–	–
International Charter	. .	17,585	–	5	17,585	–	5
Thunder Bay	. .	215,573	301	360	309,115	407	999
Scheduled Services	4,917	215,473	301	360	309,015	407	999
Domestic	4,260	204,552	282	348	298,094	388	987
International							
U.S.	657	10,921	19	12	10,921	19	12
Other	–	–	–	–	–	–	–
International Charter	. .	100	–	–	100	–	–
Toronto International	. .	7,066,593	21,229	92,353	7,296,840	21,962	98,144
Scheduled Services	66,940	6,444,894	21,229	89,253	6,675,141	21,962	95,044
Domestic	39,502	3,789,864	16,152	57,336	3,963,349	16,793	61,105
International							
U.S.	23,527	2,007,123	2,458	9,941	2,055,991	2,537	11,767
Other	3,911	647,907	2,619	21,976	655,801	2,632	22,172
International Charter	. .	621,699	–	3,100	621,699	–	3,100
Windsor	. .	161,477	351	1,011	185,877	485	1,173
Scheduled Services	2,691	142,534	351	990	166,934	485	1,152
Domestic	2,690	142,534	351	990	166,814	484	1,151
International							
U.S.	1	–	–	–	120	1	1
Other	–	–	–	–	–	–	–
International Charter	. .	18,943	–	21	18,943	–	21

Source: SC, *Air Carrier Traffic at Canadian Airports, 1979*, (51-203).

Table 22.5
Distribution of Total Aircraft Movements at Air-Traffic Controlled airports, by Selected City, Ontario, 1979

1979	Airport				
	London	Ottawa International	Thunder Bay	Toronto International	Windsor
Total	165,955	218,339	98,910	260,918	79,428
Itinerant	63,891	118,283	42,609	253,559	31,506
Local	102,064	100,056	56,301	7,359	47,922
Distribution of Itinerant Movements by type of Operation					
Unit Toll	12,557	42,418	11,991	144,054	5,793
Charter	296	2,744	373	15,927	740
Other Commercial	19,502	39,301	19,948	35,293	14,801
Private	30,421	16,951	7,245	54,919	9,816
Government					
Civil	582	7,691	926	2,866	279
Military	533	9,178	2,126	500	77
Distribution of Itinerant Movements by Geographic Area					
Domestic					
Unit Toll	11,872	41,674	10,771	89,744	5,778
Charter	236	2,218	291	6,484	324
Other Commercial	18,584	37,656	19,724	30,981	13,899
Private	25,745	14,368	5,991	35,927	7,261
Government					
Civil	574	7,535	913	2,787	276
Military	464	8,223	1,997	337	69
Domestic Total	57,475	111,674	39,687	166,260	27,607
International [1]					
Unit Toll	685	144	1,220	54,310	15
Charter	60	365	81	9,443	416
Other Commercial	918	1,645	224	4,312	902
Private	4,676	2,583	1,254	18,992	2,555
Government					
Civil	8	156	13	79	3
Military	69	955	129	163	8
International Total	6,416	6,609	2,922	87,299	3,899
Distribution of Itinerant Movements by type of Power Plant					
Jet	5,105	47,749	11,912	167,572	6,568
Turboprop	11,465	9,773	4,814	22,513	734
Piston	45,264	56,412	23,545	61,363	23,930
Helicopter	1,481	4,303	2,333	2,072	266
Glider	576	46	5	39	8

1) Includes United States and other International.

Source: SC, *Aviation Statistics Centre.*

Table 22.6
Tonnage and Transits[1], St. Lawrence Seaway, 1959-1980

	Montreal-Lake Ontario Section		Welland Canal	
	Number of transits	Tonnage (tonnes)	Number of transits	Tonnage (tonnes)
1959	7,590	18,463,072	8,252	24,636,187
1960	7,387	18,425,546	8,007	26,535,318
1961	6,639	21,244,556	7,778	28,535,797
1962	5,963	23,218,514	7,248	32,120,600
1963	5,872	28,071,390	7,182	37,470,516
1964	6,440	35,661,151	8,051	46,619,658
1965	6,751	39,356,934	8,046	48,462,786
1966	7,031	44,679,018	8,428	53,771,255
1967	6,569	39,942,780	7,192	47,908,700
1968	6,296	43,503,732	6,998	52,685,381
1969	5,971	37,207,937	6,653	48,564,534
1970	5,973	46,397,082	7,001	57,034,673
1971	5,851	48,034,717	6,761	57,071,311
1972	5,884	48,607,722	6,621	58,147,328
1973	6,013	52,285,689	6,706	60,959,018
1974	4,113	40,049,654	5,090	47,500,958
1975	4,704	43,555,037	6,041	54,295,037
1976	4,859	49,349,271	5,892	58,369,427
1977	5,185	57,457,309	6,162	65,078,545
1978	5,262	56,942,680	6,605	65,670,992
1979	4,846	55,322,093	6,532	66,164,546
1980	4,958	49,454,109	6,567	59,605,981

1) Tug and Barge combinations counted as one transit unit. Pleasure craft excluded. *Non-toll traffic excluded.*

Source: The St. Lawrence Seaway Authority, *Traffic Report of the St. Lawrence Seaway.*

Table 22.7
St. Lawrence Seaway, Traffic Summary by Type of Cargo, 1969-1980

	Agricultural Products		Mine Products		Processed Products			
	Grains	Other	Coal and Coke	Other	Fuel Oil & Petroleum Products	Other	Misc. Cargo	Total Cargo
	'000's Tonnes							
Montreal–Lake Ontario Section								
1969	10,926	476	913	12,102	2,445	9,289	1,056	37,208
1970	17,539	423	747	15,209	2,816	8,695	968	46,397
1971	19,635	858	773	13,877	2,321	9,486	1,085	48,035
1972	20,645	660	784	13,181	2,979	9,573	756	48,608
1973	21,435	639	991	16,859	3,504	8,356	502	52,286
1974	14,316	357	1,366	15,962	1,945	5,755	350	40,050
1975	19,169	272	1,231	15,299	1,891	5,418	274	43,555
1976	18,471	284	1,966	20,539	1,589	6,144	355	49,349
1977	21,608	208	2,242	22,792	2,173	8,074	360	57,457
1978	27,736	149	3,427	15,657	2,370	7,262	342	56,943
1979	24,722	197	2,820	17,584	2,744	6,993	262	55,322
1980	26,752	168	1,627	13,264	2,032	5,354	256	49,454
Welland Canal Section								
1969	12,127	390	10,069	15,301	1,211	8,558	909	48,565
1970	18,893	296	10,180	17,460	1,294	8,040	872	57,035
1971	20,884	712	8,836	15,451	1,142	9,043	1,004	57,071
1972	21,632	532	9,559	15,777	1,270	8,677	701	58,147
1973	22,592	563	7,976	19,524	2,020	7,724	561	60,959
1974	15,708	238	6,327	18,071	1,163	5,539	455	47,501
1975	20,577	205	8,504	18,400	1,111	5,025	473	54,295
1976	19,458	203	8,491	23,170	777	5,766	506	58,369
1977	22,809	153	8,836	23,725	1,070	8,000	486	65,079
1978	28,916	97	7,934[1]	19,614	1,298	7,336	476	65,671
1979	26,131	149	10,294	19,602	2,082	7,461	446	66,165
1980	28,149	108	8,728	15,290	2,023	4,852	456	59,606

1) The 1978 figure includes Anthracite and Bituminous Coal.

Source: The St. Lawrence Seaway Authority, *Statistics*.

Table 22.8
Saint Lawrence Seaway–Gross Registered Tonnage of Traffic, Vessel Transits and Revenue, 1969–1980.

	Gross Registered Tonnage			Vessel Transits					
	Cargo Vessels	Non-Cargo Vessels	Total	Loaded Cargo Vessels[1]	Ballast Cargo Vessels	Non-Cargo Vessels	Non-Toll Vessels[1]	Total	Revenue
	'000's			Number					$'000's
Montreal–Lake Ontario Section									
1969	42,804	203	43,007	4,492	1,274	626	285	6,677	21,456
1970	44,990	121	45,112	4,787	1,114	376	423	6,700	25,436
1971	49,491	80	49,571	4,676	1,176	207	302	6,361	27,407
1972	50,047	71	50,118	4,576	1,205	155	448	6,384	27,301
1973	51,491	247	51,738	4,533	1,291	301	352	6,477	27,894
1974	37,863	170	38,033	3,246	763	251	381	4,641	21,320
1975	44,015	89	44,104	3,508	999	197	544	5,248	22,592
1976	48,157	110	48,267	3,791	871	197	496	5,355	25,813
1977	54,008	97	54,105	4,185	809	191	331	5,516	30,769
1978	58,529	224	58,753	3,994	1,086	182	84	5,346	33,211
1979	54,635	164	54,799	3,701	966	179	64	4,910	35,866
1980	56,236	197	56,433	3,237	1,535	186	68	5,026	32,398
Welland Canal Section									
1969	57,438	201	57,639	4,937	1,640	286	74	6,937	2,494
1970	62,554	210	62,764	5,136	1,688	287	72	7,183	3,533
1971	64,168	140	64,308	5,011	1,588	255	71	6,925	4,332
1972	66,142	101	66,244	4,882	1,691	195	48	6,816	4,243
1973	66,004	265	66,270	4,818	1,709	288	65	6,880	4,232
1974	50,935	158	51,093	3,617	1,300	254	90	5,261	3,177
1975	61,312	233	61,545	4,059	1,653	329	80	6,121	3,720
1976	61,875	109	61,984	4,249	1,369	274	59	5,951	3,789
1977	65,587	138	65,726	4,640	1,290	232	61	6,223	4,031
1978	73,875	165	74,039	4,587	1,799	219	21	6,626	18,291
1979	74,664	177	74,842	4,395	1,918	219	15	6,547	21,242
1980	75,114	152	75,266	3,897	2,424	246	29	6,596	23,610

1) 1977 and previous years include transits of seaway owned vessels.

Source: The St. Lawrence Seaway Authority *Statistics*.

Table 22.9

Revenue Freight Receiving Initial (or Final) Canadian Rail Haul, Ontario, 1974–1978

	Total freight traffic (initial haul)	Grand total	Unloaded from railway cars in Ontario	Delivered to U.S. rail
	Tons	Per cent	Tons	
Live animals				
1974	15,848	.020	140,992	120
1975	3,673	.005	170,897	50
1976	3,939	.006	119,730	110
1977	2,175	.003	82,282	200
1978	2,703	.004	98,084	73
Food, feed, beverages, and tobacco				
1974	8,707,621	11.213	14,992,923	1,602,834
1975	7,003,717	10.644	16,267,848	1,168,899
1976	7,279,645	10.534	15,510,259	1,213,941
1977	7,190,098	10.365	15,790,583	1,066,220
1978	6,574,169	10.018	16,524,132	1,037,410
Crude materials, inedible				
1974	34,710,319	44.697	31,594,291	3,291,798
1975	30,346,072	46.120	28,411,075	2,285,616
1976	31,604,800	45.734	29,900,066	2,459,787
1977	31,543,444	45.470	29,348,941	2,012,243
1978	28,032,957	42.717	26,828,376	1,944,441
Fabricated materials, inedible				
1974	21,314,100	27.446	15,116,079	12,306,165
1975	16,266,007	24.721	12,175,691	10,573,339
1976	16,726,331	24.204	13,155,096	13,069,729
1977	17,885,925	25.783	13,015,508	14,206,045
1978	18,306,395	27.896	13,310,159	14,743,438
End products, inedible				
1974	8,285,674	10.670	3,179,701	3,089,612
1975	8,173,536	12.422	2,881,049	2,899,734
1976	8,637,409	12.499	3,120,240	3,056,781
1977	8,013,714	11.552	2,823,143	2,919,308
1978	7,735,697	11.788	2,657,716	2,808,368
Special types of traffic[1]				
1974	3,773,871	4.860	2,651,898	338,837
1975	3,562,215	5.414	2,256,853	254,308
1976	4,499,514	6.511	3,029,080	343,062
1977	4,376,487	6.309	2,915,527	323,944
1978	4,655,623	7.094	3,158,638	393,190
Grand Total, Carload Traffic				
1974	76,807,433	98.906	67,675,884	20,629,366
1975	65,355,220	99.326	62,163,413	17,181,946
1976	68,751,638	99.488	64,834,471	20,143,410
1977	69,011,843	99.482	63,975,984	20,527,960
1978	65,307,544	99.517	62,577,105	20,926,920
Non-Carload Shipments				
1974	849,597	1.094	646,038	21,089
1975	443,557	.674	226,934	1,772
1976	353,988	.512	167,125	2,349
1977	360,181	.518	170,744	1,759
1978	317,275	.483	143,800	1,272
Grand Total, Carload and Non-Carload Traffic				
1974	77,657,030	100.000	68,321,922	20,650,455
1975	65,798,777	100.000	62,390,347	17,183,718
1976	69,105,626	100.000	65,001,596	20,145,759
1977	69,372,024	100.000	64,146,728	20,529,719
1978	65,624,819	100.000	62,720,905	20,928,192

Table 22.9 (cont'd)
Revenue Freight Receiving Initial (or Final) Canadian Rail Haul, Ontario, 1974–1978

			Received from U.S. rail	
	Loaded onto railway cars in Ontario	Loaded onto railway cars in Ontario	Destined to Canadian Points	Destined to U.S. points
	Number of cars		Tons	
Live animals				
1974	766	15,474	240	134
1975	175	3,321	302	50
1976	132	3,364	475	100
1977	84	1,822	153	200
1978	82	2,341	362	–
Food, feed beverages, and tobacco				
1974	96,722	4,553,463	2,313,038	1,841,120
1975	89,497	4,395,141	1,365,156	1,243,420
1976	81,905	4,041,107	1,791,041	1,447,497
1977	81,019	3,993,906	1,833,060	1,363,132
1978	76,417	3,800,574	1,496,211	1,277,384
Crude materials, inedible				
1974	434,923	30,600,713	3,537,264	572,342
1975	371,417	27,303,551	2,648,304	394,217
1976	377,568	28,536,205	2,627,844	440,751
1977	377,164	28,376,302	2,700,950	466,192
1978	338,871	24,960,324	2,771,281	301,352
Fabricated materials, inedible				
1974	274,157	15,384,750	3,938,869	1,990,481
1975	216,969	12,281,678	2,536,024	1,448,305
1976	208,599	12,496,511	2,744,886	1,484,934
1977	222,542	13,623,277	2,745,493	1,517,155
1978	233,597	14,218,840	2,839,525	1,248,030
End products, inedible				
1974	188,349	4,073,993	2,646,805	1,564,876
1975	180,492	4,688,446	2,337,256	1,147,834
1976	188,041	4,811,602	2,668,612	1,157,195
1977	184,195	4,488,141	2,475,030	1,050,543
1978	181,038	4,438,302	2,359,391	938,004
Special types of traffic[1]				
1974	165,996	3,281,116	376,209	116,546
1975	136,412	3,120,291	360,686	81,238
1976	146,288	3,879,137	549,262	71,115
1977	140,548	3,903,370	410,533	62,584
1978	152,095	4,123,839	475,286	56,498
Grand Total, Carload Traffic				
1974	1,160,913	57,909,509	12,812,425	6,085,499
1975	994,962	51,792,428	9,247,728	4,315,064
1976	1,002,533	53,767,926	10,382,120	4,601,592
1977	1,005,552	54,386,818	10,165,219	4,459,806
1978	982,100	51,544,220	9,942,056	3,821,268
Non-Carload Shipments				
1974	. . .	795,556	47,864	6,177
1975	. . .	436,805	6,069	683
1976	. . .	353,633	311	44
1977	. . .	359,842	301	38
1978	. . .	316,581	636	58
Grand Total, Carload and Non-Carload Traffic				
1974	. . .	58,705,065	12,860,289	6,091,676
1975	. . .	52,229,233	9,253,797	4,315,747
1976	. . .	54,121,559	10,382,431	4,601,636
1977	. . .	54,746,660	10,165,520	4,459,844
1978	. . .	51,860,801	9,942,692	3,821,326

1) Excludes railway-owned (Plan II) trailers and containers for which data are included under appropriate commodities according to trailer or container contents.

Source: SC, *Railway Freight Traffic*, (52-205).

Appendix I

Unit Conversion

Unit Conversion Table

	Unit	Converted Equivalent
Length	1 inch	2.540 centimeters
	1 foot	3.048×10^{-1} meter
	1 mile	1.609 kilometers
Area	1 square inch	6.452 square centimeters
	1 square foot	9.290×10^{-2} square meters
	1 square mile	2.590 square kilometers
	1 square mile	640 acres
	1 acre	4.356×10^{4} square feet
	1 acre	4.047×10^{-1} hectare (square hectometer)
Volume	1 cubic inch	16.387 cubic centimeters
	1 cubic foot (Br.)	2.832×10^{-2} cubic meters
	1 cubic foot (Br.)	6.229 gallons (Br.)
	1 cubic foot (Br.)	7.481 gallons (U.S.A.)
	1 gallon (Br.)	1.605×10^{-1} cubic foot
	1 gallon (Br.)	4.546 liters
Mass	1 pound	4.536×10^{2} grams
	1 long ton (Br.)	1.016 metric tonnes
	1 short ton (Br.)	0.907 metric tonnes
Density	1 lb./cubic foot	1.602×10^{-2} gram per cubic centimeter
	1 gm/cc	62.43 lbs. per cubic foot
Work and Energy	1 British Thermal Unit (BTU)	2.930×10^{-4} kilowatt hour
	1 kilowatt-hour	3.413×10^{3} (BTU's)
Power	1 horse power	7.070×10^{-1} BTU per second
	1 horse power	7.457×10^{2} watts
	Kilowatt	9.483×10^{-1} BTU per second
	Kilowatt	1.341 horse power

Appendix II

Census of Population — Data Quality

Data from the Canadian Census of Population are used in several sections throughout this publication. Data quality is an important factor which should be considered with regard to these data. The comments on data quality relate to 1976 data; information may be obtained from Statistics Canada for earlier Censuses and for additional details on random rounding.

Confidentiality and Random Rounding – The aggregated data from the 1971 and 1976 Censuses have been subjected to a confidentiality procedure known as "random rounding" to prevent the possibility of associating small figures with any identifiable individual. Under this method, all figures including totals are randomly rounded (either up or down) to a multiple of "5". This technique provides strong protection against direct, residual or negative disclosures without adding significant error to the census data. However, since totals are independently rounded they do not necessarily equal the sum of individual rounded figures in distributions. Also, minor differences can be expected for corresponding totals and cell values in various census reports. Similarly, percentages, which are calculated on rounded figures, do not necessarily add to the total. Percentage distributions and rates for the most part are based on rounded data, while percentage changes and averages are based on unrounded data.

Coverage Error – A coverage error occurs in the census whenever a person or a household is missed completely or counted more than once. Since overcoverage is fairly rare in relation to undercoverage, the net effect of such errors is to introduce a downward bias in census figures, so that the published census estimates tend to underestimate the actual population. A special study was undertaken in relation to the 1976 Census to measure the extent of the bias due to undercoverage. This study estimated the over-all undercoverage rate to be of the order of 2% of the total population.

Evidence from studies of coverage errors in earlier censuses indicates that undercoverage is not evenly distributed throughout the population but tends to be higher in certain segments of the population, e.g., young male adults, recent immigrants.

Response Rates – The table below presents the response rates obtained in the 1976 Census for the stated characteristics. A response rate is defined as the number of times the value of the characteristic was obtained divided by the number of times it should have been obtained.

These response rates are published in order to give an indication for each characteristic, of the proportion of cases which required imputation for non-response.

Response Rates for Selected Census Characteristics, 1976

Characteristics	Response Rate(%)
Mother Tongue	98.1
Age	98.4
Marital status	98.0
Sex	98.6

[1] As imputation for non-response was not carried out for mother tongue, the response rate for mother tongue is the percentage of persons in the given language categories excluding the "not stated" category.

Total Standard Error – The measures of reliability given in the table below are estimates of the total standard error (TSE) of the published 1976 Census figures. These include the effects of sampling (where applicable) as well as the random or non-systematic components of response and processing errors. The total standard errors, however, do not include allowances for systematic errors such as coverage errors, biases due to similar misinterpretations of concepts by many respondents, or systematic processing errors. These estimates of reliability are published to give an indication of the level of error only and are not meant for use in hypothesis testing or detailed analysis.

Users wishing to obtain TSE estimates for a given cell of data in any table should follow these procedures:

1. Determine if the table is based on the complete census or on the one-third sample.
2. Determine the categories defining the cell. In some cases, this may be just a single category (e.g., age 25-29), while for a cell in a cross-classification involving several variables, there may be several categories (e.g., married males aged 25-29).
3. Referring to the TSE table locate the cell-defining category which presents the highest value. Any column can be used for this comparison. For those categories where both 100% and sample TSE values are shown, use only the 100% rows for tables based on the complete census and only the sample rows for tables based on the one-third sample (see step 1).
4. Choose the column in the TSE table whose heading is closest to the value of the given cell in the census table. Approximations for intermediate values may be achieved by linear interpolation.
5. Read off the figure from the row (determined in step 3) and column (determined in step 4) of the TSE table.

When using these figures, the user can be reasonably certain that, for the enumerated population, the true value (discounting systematic and coverage errors) lies within plus or minus twice the total standard error (e.g., for a figure of 100 with a hypothetical TSE of 3, the range would be 100±6) and virtually certain that it lies within plus or minus three times the total standard error (e.g., for the same figure of 100 with a hypothetical TSE of 3, the range would be 100 9).

Total Standard Error Estimates[1] for Selected Census Characteristics, 1976

Characteristics	Size of Census Figure															
	50	100	200	500	1,000	2,000	5,000	10,000	20,000	50,000	100,000	500,000	1 Million	2	5	10
Marital status																
Married and separated																
Married	5	7	10	16	22	31	49	69	98	155	219	490	687	979	1,548	2,188
Single (never Married), Separated, Widowed, Divorced	8	10	14	23	33	46	72	103	145	229	324	724	1,053	1,649	2,607	3,687
Age																
Under 15 years of age	9	12	18	28	39	56	88	125	176	279	395	882	1,248	1,764	2,790	-
15 years of age and over	5	7	9	15	21	30	47	66	93	148	209	467	661	934	1,477	2,089
Sex																
Male	6	9	12	20	28	39	62	88	125	197	279	624	882	1,247	1,972	2,789
Female	6	8	12	19	27	38	60	85	120	190	269	601	850	1,202	1,900	2,687
Mother Tongue																
English	8	12	17	26	37	53	83	117	166	263	372	831	1,175	1,661	2,627	3,715
French	8	12	17	27	38	53	84	119	169	267	377	844	1,193	1,687	2,668	-
Other[2]	13	19	27	42	60	85	134	190	268	424	600	1,342	1,898	2,684	-	-
Group 1[3]	5	8	10	15	24	34	51	72	102	157	222		-	-		-
Group 2[4]	11	16	22	35	50	70	111	157	222	366	519	1,053	-	-	-	-

1) These correspond to the reliability measures that were presented as root mean square errors or reliability estimates in the 1971 Census publications.

2) To be used for the single category defined as all mother tongues, other than English, French and Not stated.

3) To be used for any one of Baltic languages, Czech and Slovak, Magyar (Hungarian), Native Indian, Netherlandic and Flemish, Scandinavian and Spanish.

4) To be used for any mother tongue other than English, French and those listed in Group 1.

Appendix III

Historical Statistics

Period of French Exploration and Control (1611-1760)[1,2]

French exploration in the 16th century did not immediately lead to their systematic settling of the North American continent. However, the appearance of fur as a trading commodity changed this. Sieur de Monts, given exclusive rights to fur trade between the 46th and 40th parallels, instructed Samuel de Champlain to found a settlement on the St. Lawrence river. In July of 1608 Champlain arrived at a point facing Cap Diamant below which he built the Quebec Habitation.

It was in 1611 that the first European entered what is now Ontario, when Etienne Brulé explored the Ottawa river. Champlain followed, travelling as far as Lake Ontario shortly afterwards. The French gradually opened the fur trade route of the Ottawa River leading to the Great Lakes, and made allies of the Huron and Algonquin Indians. The latter, dwelling along the banks of the Ottawa River, acted as intermediaries between the French and the tribes further to the west. In this manner, and through the pioneering efforts of the Jesuit missionaries at Fort Saint Marie, the French first took control of the Great Lakes area. However, the French-Dutch, English and Huron-Iroquois rivalries coupled with the weakening of the Huron nation through European diseases, (against which the natives had no immunity), worked to destroy this form of commercial network. In 1648 the Iroquois ravaged Huron territory and attacked the French; by about 1660 the process of dissemination was complete.

The network was eventually rebuilt, under the Royal Administration of Louis XIV and the protection of the Carigan Salières Regiment. By 1665 the French had sent explorers and traders inland, to make direct contact with the tribes supplying furs. New trade centres arose, with protection provided by forts. French dominated trade extended even beyond the Great Lakes but, the renewed assertion of the French commercial influence, led to overproduction of pelts and increased rivalry in the fur trade.

In 1668, des Groseilliers, with an English expedition, reached Hudson's Bay by sea. This led to the formation of the Hudson's Bay Company in 1670. The English thus sought to seize the rich fur producing regions in the north from French hands. The attempt was repulsed at sea in 1690 by d'Iberville. Thus, at the onset of the eighteenth century France, controlled most of the Great Lakes area and north eastern parts of North America. Defeat of France in Europe, however, leading to the Treaty of Utrecht in 1713 and annulment of French colonial victories in North America provided a severe blow. This was countered for a while by the construction of the Louisbourg fortress, Fort Niagara and other forts in an attempt to retain control over the Gulf and the Great Lakes, thereby keeping the English confined to the Atlantic and James Bay coasts. New France could not continue to keep ascendancy against the thirteen American colonies and Great Britain and eventually capitulated to Britain after defeats at Quebec in 1759 and Montreal in 1760.

It is apparent that despite considerable natural obstacles, strong competition from the Dutch and the English and danger from the Iroquois, New France had made considerable progress towards establishing a strongly based colony. The growth of this early bridgehead of inland development is illustrated by selected data pertaining to human and livestock population prior to the advent of British rule.

British Rule to Confederation (1760-1867)

The next phase in development begins essentially in 1760 with the British Conquest of Montréal. The Treaty of Paris in 1763 ratified the takeover and replaced military with colonial rule. The historical focus in this period is on the provinces of Lower and Upper Canada (Constitutional Act 1791): the former identifying with what is now Québec; and the latter with Ontario. Problems of boundary definitions at the beginning of this period are illustrated by R. Rolt:

> "Canada is computed by some to be as extensive as one-half of Europe as it extends from 39 to 65 latitude; this is from Lake Erie to the north of Hudson's Bay, and in longitude from the river Mississippi to Cape Race in Newfoundland. But others extend it from the 25 to the 53 north latitude, and from 76 to 93 of west latitude; being bounded on the north by the land called Labrador or New Britain, on the east by the Northern Sea and New England; on the south by Florida and in the west by New Mexico.

> With unknown tracts to the north of it: The great river of St. Lawrence which is twenty-two leagues broad at the mouth, and whose source is not perfectly known, though traced through more than 800 leagues up the country, almost entirely crosses Canada; forming in its course several great lakes, some of which are of such extent that they may be taken for seas. Canada in its largest sense is divided into Eastern and Western, the former of which is commonly known by the name Canada, or New France; and the latter Louisiana."[3]

Obviously, Canada did not always mean the same thing to all people. For our purposes, though, the well understood terms "Upper Canada", and "Lower Canada", are considered the most suitable for use in statistical descriptions covering this period. However, it should be mentioned that as a result of Lord Durham's report, produced in response to civic unrest in Upper Canada, Canada was formally constituted as one province in 1840 (Act of Union). The province contained two components called Canada East and West. These are geographically identified with Lower and Upper Canada respectively. This arrangement continued only until 1867 when, under the British North America Act, the Dominion of Canada was formed, consisting of four provinces: Nova Scotia, New Brunswick, Québec and Ontario. Where "Canada" is used herein to refer to pre-confederation data this should therefore be taken to mean the region which comprised both Upper and Lower Canada (or West and East Canada).

Selected statistics for this period cover human population, agriculture and secondary industry. In addition, brief comments for specific socio-economic aspects of societal development follow.

At the time when Gourlay carried out his Statistical Survey of Upper Canada, 158 townships in Upper Canada had been incorporated into 8 districts (1798 Parliament)[4]. Property taxes from these same districts in 1811 amounted to only £4,133 16s 7d since crown revenue from customs duties were available to defray most provincial expenses.[5] Following the War of 1812, however, additional duties had to be levied to meet rising costs and the expenses incurred in new programs and district reorganizations. The substantial increase in the provincial property tax is evident in the amount of local taxes collected in the selected years 1825, 1835, and 1845 which were reported as £10,235 8s 2d, £22,464 8s 4d and £76,291 10s 6d, respectively.[6] Together with various other income such as customs and tonnage duties, the government's gross revenue for 1845 was quoted to be £573,730 3s 6d[7].

In 1849, Government expenditure in the form of grants was £10,141 19s (revenue in that year amounted to £593,119 2s 1d) of which £6,371 14s were given towards the support of over 2,800 schools.[8] Additional income, required by the school boards of the 20 districts that had, by then, been incorporated, was collected at the local level in a system of district taxation. The amount should also have been considerable since Smith reports that in 1850, one year later, £82,425 5s 6d was paid to the teachers of 151,891 pupils in 3,059 schools.[9]

The remaining portion of the government grants, £3,770 5s[8], was paid out to Agricultural Societies, of which Smith had said:

> "Agricultural Societies are established in every district. They are generally well supported and have been the means of improving the quality of stock in the province, by stimulating competition amongst the farmers. These societies receive liberal support from the Provincial Government, and, by the impetus they have given to farming operations, have caused a better system of husbandry to be introduced into many localities."[9]

The government's largest apportionment of funds was directed to public works, which totalled £3,520,087 13s 10d by 1849.[10] Very considerable works had been carried out by then to open up the land to settlers and to facilitate trade. Trade routes, based on the Great Lakes and St. Lawrence, were expanded by canal building, the most important of which were the Welland and St. Lawrence Canals, each costing in excess of £1,000,000.[11] They made it possible for large ships to navigate from Lake Erie to the mouth of The St. Lawrence and to the Atlantic. Railway building had also commenced, about 1836, with the Laprairie-St. John's route, and peaked in the period before 1885.[12]

The Native population generally had very much less impact than during the French regime. Following the initial period of military conflict, when their loyalties were much needed, it became government practice to issue every Indian annual presents in the form of a quantity of equipment commensurate to his or her rank (chief, warrior, wife or child) and status (war disabled and widowed). The number of persons receiving presents each year in Upper Canada in the period 1834 to 1840 is reported as varying between 7,706 and 14,670.[13] Annuities were also paid in this period upon the large tracts of Indian land. The Chippewas of Chenail Ecarte and St. Clair for example, numbering 1,129 persons, received an annuity of £1,100 for the surrender of 2,200,000 acres on April 26, 1825.[14] They were left with 17,950 acres.[15] Surrenders of land by the other bands were similar in kind. Native health suffered severely in these times as the incidence of consumption, contagious erysipelas, small-pox and alcoholism increased significantly.[16]

The health of the settler population was reported to have been generally satisfactory although the climate was termed "destructive to personal appearance".[17] The settlers' major difficulty was in adapting to an entirely new environment to which many had only recently immigrated.

Immigrants landing at Québec City numbered 12,500 in 1819, (about half of whom moved on to Upper Canada) and in the 1816–20 period another 27,000 immigrants were estimated to have entered Upper Canada.[18] The mid 19th century Census figures indicate how substantial was the impact of immigration. Lower Canada's 1844 population by place of birth was given as follows: French Canada 524,244; English Canada 85,660; United States 11,946; England 11,895; Ireland 43,982; Scotland 13,393; other 1,329; birth place not given 4,635.[19] In Upper Canada in 1851–52, the population by place of birth was:[20]

Canada	Ontario, French	26,417	United States	43,732
	Not French	525,719		
	New Brunswick	2,634	Germany	9,938
	Nova Scotia	3,785		
	Newfoundland	79	France	1,007
England and Wales		82,699	Other	605
Ireland		175,963		
Scotland		75,811	Birth Place not given	1,574

During this period government had progressed from Royal Administration by governor to representative organization. However, although under the Constitutional Act, government consisted of a Representative Assembly elected by the people and an Executive Council, the latter retained financial control and could act independently of the elected representatives. Under this conditions there arose in each province a governing class or clique, known in Upper Canada as the Family Compact, which normally controlled the executive government and, by its control of nominations to the Legislative Council, was able to impose a veto on legislation as well. As a result, opposition to the act arose in the form of a Liberal movement. This was discernable before the war of 1812 and lead in stages to armed rebellion in 1837 by radical Reformers under William Lyon Mackenzie. The rebellion collapsed, but it brought the complaints of the people to the attention of the imperial authorities, Lord Durham was appointed to investigate causes of the conflict.

In 1839 Lord Durham presented his 3 volume report to the British Government. This famous but controversial document was instrumental in producing very substantial reforms. Initially, these were to reunite Upper and Lower Canada under a combined administration and to grant conditions of responsible government in which the executive government was to be responsible to the legislature. The idea of self-government was opposed until Lord Elgin, Durham's son-in-law, agreed to abide by the decisions of the Assembly. At this time the foundations of our current party politics were being laid and the ideas of confederation expressed. Conferences in Charlottetown and Quebec City led to the development of the British North America Act, thus creating the federal union known as the Dominion of Canada. In this manner, in 1867, Canada had combined the advantages of central government with those of local autonomy, and had the organizational means available for sound political development embracing all the British colonies in North America.

Ontario After Confederation (1867–1979)

During this stage of the history of Ontario not only has Canada developed soundly as a vast nation but rapid technological and economic growth has continued from the latter part of the pre-confederation period, and many important legislative innovations have occurred. Canada's international status has grown (eg as part of NATO and as an original member of the United Nations) and the nation is developing responses to personal issues that have arisen from this fast rate of growth. These matters are discussed below, technology is covered under the headings of "Industry" and "Transportation and Communications". This is then followed by comments on some of the Economic and Social factors.

Industry

The earliest industries to develop in Ontario were related to resources of the land. Sawmills and Grist Mills were initially very prominent. In the period 1851 to 1871 rapid industrial development occurred (see Table H-5). Business associated with clothing grew particularly quickly (Boots and Shoes, Tailors and Clothiers and Wool Cloth Making industries). As transportation corridors developed, industries of all types arose. There was a sharp increase in the number of horses per head of population and the effect of increased mobility is evident from the growth in the Carriage Making and Blacksmithing industries.

Remarks below show developments on four important manufacturing industries in Canada, supported in this century by an energy supply system which has increasingly used electrical power, originally from relatively inexpensive hydraulic sources.

Initially, the Canadian forest industries supplied British naval dock-yards in Canada and by 1800, Canadian timber reached the British consumer market. This export trade was enhanced as a result of the Napoleonic blockade of Continental Europe and later due to the Commonwealth preferential tariff. As North America became settled, the domestic market and the U.S. export market began to grow. By mid 19th century, with the Reciprocity Treaty in effect, the lumber and sawlog trade with the U.S. was flourishing. The cut of red and white pine lumber from Crown Lands in Ontario peaked in 1970 with approximately 5.4 million cubic metres being cut. In the twentieth century there was a dramatic growth in pulp and paper mills. Between 1910 and 1925 there was a 700 per cent growth in exports to the U.S. with 1925 exports totalling $89.1 million. By 1952, factory shipments had increased to $343 million and by 1962 to $509 million. In 1963, the newsprint trade with the U.S. was valued at $636 million.[21]

Textiles was an important industry in Ontario. By 1871, Ontario woollen and cotton textile mills employed 5.2 per cent of the Ontario labour force in manufacturing, while wool cloth making was the seventh largest manufacturing industry by 1870[22]. These industries enjoyed considerable growth in the 1850's and 1860's due to improved transportation to the U.S. markets. During the American Civil War, Ontario was one of the primary suppliers of cotton textiles to the northern states, their cotton supply from the southern states having stopped. The abrogation of the Reciprocity Treaty in 1866 and the end of the Civil War caused many hardships for the Canadian textile industry. The American industry made a remarkable recovery and left the Canadian industry with mills that, even as late as 1882, could still produce enough common class of cotton to meet the needs of twice the Canadian population. This situation was slowly remedied as many manufacturers bought new machinery to diversify their range of products, and as some plants were amalgamated. The result of fewer, larger mills was increased efficiency, lower prices and better wages. In 1925, synthetic textile production began in Ontario along with a modernization of existing plants and in 1942 nylon production was commenced. Following a decline in the 1950's, another equipment modernization phase occurred and economic conditions for the industry improved such that the cotton and wool textiles output recovered to their 1949 levels of production. Also, synthetics production rose from 185 per cent of 1949 production in 1961 to 300 per cent in 1964[23].

More recent important industrial developments in Ontario have been in the form of steel production and automobile manufacturing. Initial attempts at steel production in Ontario began in 1800. However, due to the pioneer economy of the time and its consequent lack of resources and population, there was little support for an iron and steel industry. It was not until 1879 that a national steel industry received encouragement through tariff protection. Subsequently, by 1895 the first blast furnace in Ontario was built in Hamilton in 1897, a steel plant was added and by 1900 the first open-hearth steel was produced. By 1905, an estimated 150,000 net tons of crude steel was produced. By 1940, this figure had increased to 1,512,000 net tons and by 1962 it had reached 5,963,000 net tons[25].

The motor vehicle industry in Ontario began in Windsor in 1904[24] when "a group of Canadian businessman obtained the rights to produce and distribute Fords in the British Empire outside the U.K. . . ." In its first year, it produced 117 vehicles and scored a success in 1908 with the introduction in Canada of the "Model T". With healthy economic conditions prevailing in the early 20th century, many former carriage-makers and others turned to manufacturing automobiles. It was soon evident that the Ontario motor vehicle was an extension of the American industry and Ontario became primarily engaged in component parts manufacturing. In 1914, the assembly line technique of mass production was introduced and within a decade the Canadian industry was committed to the volume production of mass-market cars. In 1917, the industry produced 93,810 units and by the mid 1920's this had risen to well over 200,000 units. In 1929, 262,000 units were produced with 101,000 of those being for export. The depression of the 1930's saw stagnation in the industry and production ran at 15 per cent of capacity in 1932. Between 1933 and 1937, the value of production increased 220 per cent. World War II brought a demand for all forms of wheeled or tracked vehicles and Canada supplied this demand. For instance, in 1942, 216,000 vehicles of over 100 different types were produced for the Commonwealth war effort. The post-war reconversion was spurred by demand for all types of vehicles and by 1948, the 1929 production had been surpassed with 264,000 units turned out[25].

Transportation and Communication

From the earliest times transportation has been of utmost importance in developing Canada. Initially the birch-bark canoe provided invaluable service – but technology has enabled us to make a very much more extensive use of Canada's expanse of inland waterways. Canal building to facilitate larger vessels to navigate the St. Lawrence and the Great Lakes has provided great economic benefit. Initially during this period transportation improvements were centred on attracting lake traffic away from American ports (primarily New York via the Erie Canal) and directing it along the St. Lawrence. To this end, the Welland Canal, originally opened in 1829, was deepened to 4.27 metres, the St. Lawrence canals were improved to handle all the needs of existing lake vessels and a canal was built at Sault Ste. Marie to handle the wheat of Western Canada[26].

In 1913, the first official move toward improvement of the St. Lawrence came from the U.S. when they adopted a resolution to enter into negotiations with Great Britain for improvement of navigation in the St. Lawrence. After much delay in starting construction the project was finally completed in 1959 thereby allowing ocean-going vessels to advance as far as Thunder Bay.[27]

Roads were originally required for military purposes. Regular troops and militia built such roads as Dundas Street and Yonge Street, and as government assistance for road building was meagre, the construction and operation of toll-roads and bridges became common.[29]

With the coming of the railways and the improvement in lake and canal transportation, the roads fell into disrepair for several decades. In 1894, the Ontario Good Roads Association was organized and they encouraged the Ontario Government to make changes and improvements. In 1896 a "Provincial Instructor in Road Making" was appointed, and in 1901 the Highway Improvement Act was passed. This act provided for a one million dollar a year Government subsidy to be granted to organized counties to cover one-third of the cost of improvement of roads so as to meet Government Standards. In 1917 the Toronto-Hamilton Highway was begun thereby initiating modern roadways in the province. In 1930, the "King's Highway" system came into being and by 1945 there were 12,297 km. of roads in the system and 13,776 km. of county roads.[29]

One of the major reasons for improvement of roads in the province was the introduction of the automobile. Licencing of motor vehicles in Ontario began in 1903 when 178 automobiles were registered. By 1930, the number had risen dramatically to 490,906 with total motor vehicle registration of 562,506. By 1960, the total registration of motor vehicles had reached 2,062,484 of which 1,640,346 were for automobiles and 320,190 for trucks, trailers and buses.[29]

Railways, facilitated rapid land transportation of freight and passengers, and were able to link parts of Canada for greater economic and political unity. During the 1850's 3,219 km of railway track were laid in Ontario. By 1916, there were 17,788 of single track. Since 1916, the number of kilometres of operational track has varied slightly from year to year but a general trend toward fewer kilometres was apparent by 1939 when there were 17,009 km of track, which had further decreased to 15,782 km of main line by 1976.[28] This decline has come about due to competition from much improved road transportation and from air transportation. In 1937, Trans-Canada Airlines (TCA), the forerunner of Air Canada, was incorporated under the Trans-Canada Air Lines Act and started commercial operations between Vancouver and Seattle with 3 planes. By the end of 1937, total TCA personnel numbered 71 and aircraft totalled 6. By 1938, the staff numbered 332 and the number of operational aircraft was 14. Air mail service was added to the passenger service in 1938 and by 1939 this service had been extended from Vancouver to Moncton. (Air mail service had initially begun in 1927 and by 1929 mail was being transported by air from Fort McMurray, Alberta to Aklavik, N.W.T.). Transcontinental air passenger service came into being on April 14, 1940 and on July 22, 1943. Canadian Government Trans-Atlantic service was inaugurated.

Canadian Pacific Air Lines came into being in the early 1940's through an amalgamation of a number of companies which had been servicing the mining industry in northern Canada. They have since expanded to become the second largest domestic carrier in Canada.

Telecommunications, providing means for transmitting large volumes of fast messages over long distances, have added considerably to human capabilities in business and social development.

Alexander Graham Bell's telephone patents were granted in 1877, and Bell Canada was formed in 1880. As early as 1878, the first Canadian telephone exchange was installed in Hamilton, Ontario.[30] Telegraphy was used even earlier, the Canadian Telegraph Company being formed in 1846 to connect Toronto and Hamilton with the United States lines through Buffalo.[31] As electronics came into its own, there were significant changes in the activities of society resulting from the introduction of radio, television, and various data recording and information handling techniques. Most evident among these changes has been the considerable expansion in the dependance of our economy on access to knowledge and to ways for manipulating information. In recent times, this has frequently become the main determinant of success in commerce and in industry.

Economic Change and Development

During the 1850's and 1860's Canada was in an economic boom with the building of railroads and industry developing to meet the needs of new immigrants. Raw materials were found and extracted eg. copper, north of Lake Superior (1845), gold in Hastings county (after 1866), iron along the Rideau River (after 1855) petroleum and phosphate near Petrolia (1859 and after 1863 respectively) and salt near Goderich (1866). These resources assisted in expanding further settlement and increased national wealth. The Reciprocity Treaty of 1854 with the U.S. further aided development in Ontario. Under its terms, natural products (forest, farm and mineral) were freely traded. The Crimean War contributed in driving the price of wheat upwards. After the war, which ended in 1856, the price of wheat fell and an economic depression set in. This was further aggravated by the wheat midge infestation that destroyed an estimated 8 million bushels of wheat in 1858. The Canadian farmer realized then that concentrated wheat production was not sufficient, other crops had to be considered. Despite this, the peak of wheat production in Ontario did not occur until the 1880's.[32] By that time, R. L. Gentilcore indicates that yields had declined in the older areas of the province due to continuous production without fertilization.[33]

The abrogation of the Reciprocity Treaty in 1886 by the United States and the Wall Street collapse of 1873 had marked effects on the Ontario economy. The end of the Treaty was not as harsh as may have been expected due to immigration and the consequent increased domestic market, but the collapse of the stock market signalled the beginning of a decline which lasted until the 1880's. During this decline, there was a substantial drop in demand in Canada and the U.S. for Canadian pure bred cattle. All prices fell, there was a decline in western development, a drop in foreign trade and a local market too small to absorb the growing production capacity of Canadian industry.[34]

In the early 1880's, the crews involved in clearing and grading for the Canadian Pacific Railway discovered evidence of large copper-nickel deposits in the area around the Sudbury Basin and mining production began in the area in 1887. Production all along the run of the Sudbury Basin helped to create a more bouyant economy and, when a method was discovered in the last decade of the 19th century to make armour-plate by alloying steel and nickel, the deposits, initially valued for their copper became much more significant due to the nickel. Discovery of silver in 1903 in northeastern Ontario helped to open that area of the province and, in very short order, the town of Cobalt was formed.

From a total value from mining of $8.7 million in 1900, the industry has steadily increased its value of output over the intervening years with a slight setback during World War II. By 1929, the value of production in Ontario had increased to $61 million and after a brief decline in 1935 the industry rebounded to hit a new high of $112.7 million in 1937. The more recent fluctuation in the industry is evidenced by five years of decline in value of production in the early 1940's (low $106.8 million in 1946) followed by four years of increased production to a new high of $161 million in 1950. In 1950's value of production was generally high but in the early 1960's and 1970's slight drops in value of production occurred. However, since 1950 the trend has been upward.

For the latter part of the 19th century and the beginning of the 20th, development of Northern Ontario and formation of the Hydro Electric Power Commission of Ontario provided examples of steady growth. During World War industry expanded, and the new Ontario Hydro grew in response to industry's demand. In 1920 Hydro's substantial expenditure and electric-train projects led to a Royal Commission to enquire into Hydro's affairs.

Further help was provided to industry when the Ontario Research Foundation was established to accelerate the development of Ontario's natural resources. By 1930, the economy was slowing down as the "Great Depression" took hold. For several years unemployment and economic hardship were common. Road building programs were created to reduce unemployment, and the Department of Municipal Affairs was created to assist local governments in solving depression-induced problems.

World War II found Ontario solidly behind Britain. The war effort led to some neglect in highway construction and housing programs which required considerable effort to correct, but this led to a period of rapid development. Tourism was encouraged soon after the war, and in the 1950's, with the population growing rapidly new and expanded communities were created. Ontario became more urbanized. Major highways were needed and were constructed. The demand for electrical power was expanding so that in the late 1950's dependable peak power capacity Ontario Hydro required was five times the level in 1945.[35] In the 1960's, Ontario's growth rate was kept high – population increase was boosted by a high immigration rate, and the period of economic expansion continued.

Social and Environmental Aspects

The rapid technological changes and economic development provided society with the benefit of considerable physical comfort, the potential for a more aesthetic "built-environment", and an enormous diversification of consumer products (with increasing fragmentation of product types). This has not occurred, however, without escalating problems which were rarely of concern as recently as two decades ago.

As production has increased to meet the demand for all the goods to which we have become accustomed, a number of conditions have arisen which are symptomatic of the coupling of our socio-economic system with our level of scientific and technological capability (the basic industrial era paradigm reported by Harman).* In Canada, foremost among these symptoms have been depletion of natural resources (vividly illustrated by the energy crisis); air, water and land pollution; and negative factors affecting the human condition resulting in increased unemployment, crime, tension and stress. Public reaction to these factors have been reflected in the growing legislation which is relevant to conservation of natural resources, pollution matters, reduction of environmental impact, and consumer protection.

The benefits of technology to man have been helped and paralleled by advances in social legislation and management in the human rights, welfare and health fields. Great strides have been taken in the application of medical science. These are well portrayed by the relevant social indicators, and perhaps most notably, by the decreasing infant mortality rate and by life expectancy statistics. The importance of the Canadian medicare schemes in bringing health-care to a very large percentage of the population at relatively low cost should be noted.

Other legislation passed in Ontario which is of considerable social significance covers such matters as:[37]

Non-discrimination in wages and access to public facilities;
Working conditions and vacations for itinerant workers;
Mother's allowances;
Pensions for the blind; and
Aid for the handicapped.

Trade unions have been involved with government in improving the quality of worklife. Through trade union efforts a national pension plan was introduced, collective bargaining became a reality and improved industrial safety legislation has been enacted.[38]

The introduction and use of the automobile and other vehicles using paved roads also caused important social changes. People generally were made much more mobile and urban-centred development was intensified. Ontario has undergone a number of changes since Canada became a reality 112 years ago. Periods of economic depression have alternated with expansion and boom conditions and there have been many changes in the way of life. Such life-style change is continuing in the economic sphere, (as shown, for example by changing emphases in family expenditure) as well as in the social sphere, (illustrated by marriage, divorce and birth-rates), and is perhaps indicative of an even more fundamental change at the psychological level.[39]

Footnotes

1. Ontario Department of Economics, *Ontario, Economic and Social Aspects,* Toronto, Queen's Printer, 1961, p. 3.
2. Hemelin, J., *The Historic Development of French Canada,* Annuaire du Quebec 1966–1967. (Quebec Yearbook).
3. Rolt, Richard, *The History of the British Dominions in North America (from the First Discovery of that Vast Continent by Sebastian Cabot in 1497 to the present Glorious Establishment as confirmed by the late Treaty of Paris in 1763),* London, W. Strahan and T. Becket and Co. in the Strand (Printer), 1773, p. 195-6.
4. Gourlay, Robert, *A Statistical Account of Upper Canada Compiled with a View to a Grand System of Emigration, Volume I,* London, Simpkin and Marshall Stationers Court (Publ.), 1822 (reprinted by S. R. Publ., Yorkshire, 1966), p. 116.
5. Ibid., p. 222.
6. Smith, William Henry, *Canada: Past, Present and Future, being a Historical, Geographical, Geological and Statistical Account of Canada West, Volumes 1 and 2,* Toronto, Thomas Maclean Publ., 1851 p. cxxiii.
7. Ibid., p. 465.
8. Ibid., compiled from various pages throughout.
9. Ibid., p. 474-5.
10. Ibid., compiled from various pages throughout.
11. Ibid., compiled from various pages throughout.
12. Bladen, M. L., *Construction of Railways in Canada to the Year 1885,* in Ewart, A. (ed)., *Contributions to Canadian Economics, Volume 5,* Toronto Press, 1932, p. 44
13. Op. cit., Smith, W. H., *Canada's Past, Present and Future,* p. 513-4.
14. Smith, William Henry, *Smith's Canadian Gazetteer Comprising Statistics and General Information Respecting All Parts of the Upper Province of Canada West,* Toronto, H. and W. Rowsell Publ., 1846, (reprinted by Coles, the Book People, Toronto, 1970) p. 243.
15. Op. cit., Smith, W. H., *Canada Past, Present and Future,* p. 499.
16. Ibid., p. 505.
17. Ibid., p. 457.
18. Op. cit., Gourlay R., p. 617.
19. *Census of the Canadas,* 1844, John Lovell Printer, Québec.
20. *Census of the Canadas,* 1851–2, John Lovell Printer, Québec, 1853.
21. Ontario Department of Economics and Development, *A Century of Industrial Development in Ontario,* undated, probably 1965, p. 122-123.
22. Ibid., p. 32-33.
23. Ibid., p. 49-50.
24. Ibid., p. 180.
25. Ibid., p. 148-162 and 174-192.
26. G. P. de T. Glazebrooke, *A History of Transportation in Canada, Vol. II,* Toronto, Ryerson Press, 1938 reprinted by McClelland and Stewart Ltd., Toronto, 1964 and 1967. p. 221-224.
27. Ibid., p. 235.
28. Ontario Department of the Provincial Treasurer. *A Conspectus of the Province of Ontario,* Toronto, Baptist Johnston, King's Printer, 1947, p. 320; and *S. C. Railway Transport: Part I,* Catalogue 52-207, Table 1, p. 14.
29. Ibid., p. 320.
30. Grindley, Thomas, *The Independent Telephone Industry in Ontario,* Downsview, Graphic Services Office, M.T.C., 1975, p. 13.
31. Murray, John, *A Story of the Telegraph,* Montreal, John Lovell and Son Ltd., 1905, p. 107.
32. Reaman, G. Elmark, *A History of Agriculture in Ontario, Vol. I, Saunders of Toronto Ltd., 1970, p. 126.*
33. Gentilcore, R. L., *Studies in Canadian Geography,* University of Toronto Press, Toronto, 1972, p. 27.
34. Op. cit., Reaman, G. Elmark, *A History of Agriculture in Ontario,* p. 125
35. Op. cit., Ontario Department of Economics, *Ontario, Economics and Social Aspects,* p. 16.
36. Harman, Willis W., *An Incomplete Guide to the Future,* San Francisco, San Francisco Book Co., 1976, p. 115
37. Op. cit., Ontario Department of Economics, *Ontario, Economic and Social Aspects,* p. 17.
38. Hamilton, D. F., (ed.), *Trade Unions of Canada,* Toronto, Ontario Federation of Labour, 1967.
39. Op. cit., Harman, W. W., *An Incomplete Guide to the Future, p. 3.*

Table H-1

New France - Population and Livestock Counts, Selected Years, 1665-1754[1]

Year	Population			Livestock			
	Total	Males	Females	Horses	Horned Cattle	Sheep	Swine
1665	3,215	2,034	1,181	..	..	..	..
1685	10,725	5,897	4,828	156	7,474	787	..
1706	16,417	8,552	7,865	1,872	14,191	1,820	..
1721	24,951	11,936	13,015,	5,603	23,388	13,823	16,250
1734	37,716	19,049	18,667	5,056	33,179	19,815	23,646
1754	55,009	..	..	..	..	..	..

1 Population for New France and other North American colonies is available for some years dating from 1605. For selected years prior to 1665, the populations for New France were as follows: 44 in 1605; 28 settlers wintered at Québec in 1608; 60 in Québec in 1620; 76 in 1628; 240 in 1641; and 2,500 in 1653. For selected years for Newfoundland and Acadia, populations were as follows: 62 wintered in Nfld in 1613; 32 wintered in Nfld. in 1622; 73 French in Plaisance, Nfld. in 1671; 441 in Acadia in 1671; 515 in Acadia in 1679; 155 French in Nfld. in 1691; 377 English in Nfld. in 1692; 1,009 in Acadia in 1693.

Source: 1871 Census of Canada.

Table H-2

Population and Dwellings - Upper and Lower Canada (Ontario and Québec), Selected Years, 1765-1931

Year	Province	Total Inhabited Dwellings	Population	Males	Females
1765	Upper	12,230[1]	69,810[1]	28,316	26,794
	Lower				
1784	Upper	28,924	113,012[2]	54,064[3]	50,759[3]
	Lower				
1825	Upper	..	157,923	83,810	74,113
	Lower	..	479,288	105,807[4]	117,086[4]
1850-51	Upper	145,856	952,004	499,067	452,937
	Lower	123,983	890,261	449,967	440,294
1871	Ontario	286,018	1,620,851	828,590	792,261
	Québec	180,615	1,191,516	596,041	595,475
1891	Ontario	406,948	2,114,321	1,069,487	1,044,834
	Québec	246,644	1,488,535	744,141	744,394
1911	Ontario	529,190	2,527,292	1,301,272	1,226,020
	Québec	340,196	2,005,776	1,012,815	992,961
1931	Ontario	792,047	3,431,683	1,748,844	1,682,839
	Québec	536,383	2,874,255	1,447,124	1,427,131

1 Census did not include an estimated 2,300 dwellings nor 14,700 people in Quebec and Montréal. These estimates are included in these figures.
2. Census did not include an estimated 10,000 United Empire Loyalists in Upper Canada who are included in this figure.
3. Does not include 8,189 who did not state their sex for the census.
4. Does not include 254,945 children with no sex stated and 1,450 temporarily absent.

Source: Censuses of Canada.

Table H-3

Population by Region, Ontario, Selected Years, 1851-1931

Region[1]	1851	1871	1891	1911	1931
North Eastern	-	9,930	60,976	175,505	277,612
North Western	-	438[2]	15,194[2]	69,432	108,396
South Western	193,507	495,294	612,053	581,710	683,378
Central	475,143	723,586	940,949	1,191,973	1,805,141
Eastern	283,354	391,603	485,149	508,672	557,156
Ontario Total	952,004	1,620,851	2,114,321	2,527,292	3,431,683

1. Planning region. These regions are used to minimize the effect of any boundary changes and consequent county-level discrepancies.
2. Excludes the District of Patricia which was part of the Northwest Territories until Ontario obtained it in 1912.

Source: Ministry of Treasury, Economics and Intergovernmental Affairs, Central Statistical Services, from data in the Censuses of Canada.

Table H-4

Agriculture - Upper and Lower Canada, (Ontario and Québec), Selected Years, 1765-1931

Year	Province	'000's of Acres Cultivated	Field Crops			Livestock			
			Wheat	Oats	Barley	Horses	Cattle	Sheep	Swine
			'000's of bushels						
1765	Québec	781[1]	180 of all grains were sown.			13,488	37,480	28,022	28,562
1784	Québec	1,303[1]	383 of all grains were sown.			30,146	98,591	76,497	70,465
1827	Upper	646	..	..	..	25,228	94,539	..	..
	Lower	832[1]	2,921	2,442	363	142,432	260,015	829,122	241,735
1851-52	Canada W	3,706	12,683	11,395	625	201,670	552,124	967,168	571,496
	Canada E	3,605	3,074	8,977	496	148,620	479,524	648,665	256,794
1860-61	Canada W	6,052	24,620	21,221	2,822	377,681	915,673	1,170,225	776,001
	Canada E	4,804	2,654	17,551	2,282	248,515	615,981	682,829	286,400
1871	Ontario	8,834	14,233	22,139	9,461	489,001	1,355,233[2]	1,514,914	874,664
	Québec	5,704	2,058	15,116	1,668	253,377	735,114[2]	1,007,800	371,452
1881	Ontario	11,294	27,406	40,210	14,280	590,298	1,678,904[2]	1,359,178	700,922
	Québec	6,410	2,019	19,990	1,752	273,850	981,096[2]	889,833	329,199
1891	Ontario	14,158	21,315	47,160	13,419	771,838	1,928,249[2]	1,021,769	1,121,396
	Québec	8,671	1,568	16,906	1,506	344,290	923,636[2]	730,286	369,608
1911	Ontario	13,653[3]	19,845[4]	89,936[4]	14,085[4]	812,214	2,501,536	742,188	1,887,451
	Québec	8,162[3]	932[4]	33,804[4]	2,340[4]	371,571	1,423,269	637,088	794,351
1931	Ontario	13,273	14,054	76,283	13,949	577,322	2,514,344	1,044,624	1,359,176
	Québec	8,994	554	32,861	1,948	301,419	1,707,409	733,684	728,210

1. Original figures were given in arpents; the conversion factor used was 1 arpent = .83 acres.
2. Includes milch cows and other horned cattle. Does not include oxen.
3. Acres of improved land was defined for the first time as "land which has been brought under cultivation and has been cropped and is fitted for producing crops". In previous censuses no clear definition was applied and, as a result, non-tillable areas used as pasture were included under this heading. Owing to the restriction in definition, the 1911 census and those following are not strictly comparable with the censuses previous to 1911.
4. 1910 crop year.

Source: Censuses of Canada.

Table H-5

Manufacturing Industries[1] – Upper and Lower Canada, 1851[2] and Ontario and Québec, 1871

Industry	1851			1871					
	Upper Canada		Lower Canada	Ontario			Québec		
	Number of Establishments	Number of Employees	Number of Establishments	Number of Establishments	Number of Employees	Capital Invested	Number of Establishments	Number of Employees	Capital Invested
						$			$
Agricultural Implements	..	..	..	173	2,143	821,242	65	378	278,660
Bakeries	..	..	..	385	1,239	466,462	471	1,160	492,864
Blacksmithing	..	..	..	2,894	4,810	812,070	2,129	3,311	638,202
Boots and Shoes	..	..	..	1,965	6,354	1,016,067	1,419	9,865	1,839,417
Breweries	50	118	13	105	536	849,640	26	342	636,500
Cabinet and Furniture	..	..	..	536	2,769	1,203,801	218	1,108	564,108
Carding and Fulling Mills	147	213	193[3]	158	338	280,650	323	546	326,606
Carriage Making	..	..	..	1,421	4,780	1,162,327	841	2,118	522,015
Distilleries	102	168	7	18	421	657,200	1	45	80,000
Flour and Grist Mills	692[4]	1,150	541[4]	951	2,759	5,797,853	810	1,506	3,461,723
Foundries and Machine Working	97[5]	925	38[5]	258	4,686	2,403,480	111	1,862	735,775
Pot- and Pearl-Ash Asheries	51	..	186	267	598	116,946	252	347	38,470
Printing Offices	..	..	..	191	1,784	981,060	68	1,241	900,050
Sash, Door and Blind Factories	..	..	..	156	1,548	553,505	41	705	299,241
Sawmills	1,567	3,670	1,065	1,837	13,851	7,382,654	1,708	11,848	4,859,607
Ship and Boatyards	8[6]	..	12[6]	48	522	142,583	94	2,271	491,625
Tailors and Clothiers	..	..	..	942	6,248	998,313	359	3,193	521,928
Tanneries	222	458	204	426	1,584	1,013,745	420	1,735	1,056,147
Tin and Sheet Iron Working	..	..	..	440	1,251	456,142	261	819	260,286
Wool Cloth Making	74	632	18	233	3.696	2,254,706	23	556	398,208
Other	388	..	123	5,639	25,364	8,503,564	4,144	21,758	9,670,436
Totals	3,398	.	2,400	19,043	87,281	37,874,010	13,822	66,714	28,071,868

1 The major industries in 1851 are reported with a comparison for 1871. The industries listed also include all those which employed more than 1,000 people and had more than $400,000 capital invested in Ontario in 1871.

2 Statistics for numbers of establishments are available for some years prior to 1851. Some selected years' statistics are as follows: 1827 – Lower Canada; Grist Mills – 324, Sawmills – 565, Carding and Fulling Mills – 170, Paper Mills – 3, Breweries – 19, Distilleries – 31, Foundries – 4, Hat Manufacturers – 9, Pot- and Pearl-Ash Asheries – 305, Potteries – 46, Shipyards – 51, and Tanneries – 74. 1831 – Lower Canada; Grist Mills – 393, Sawmills – 727, Carding and Fulling Mills – 187, Oil Mills – 14, Iron Works – 102, Foundries – 18, Distilleries – 70, Pot- and Pearl-Ash Asheries – 489, Others – 76. 1833 – Upper Canada; Grist Mills – 307, Sawmills – 724. 1836 – Upper Canada; Grist Mills – 372, Sawmills – 902. 1839 – Upper Canada; Grist Mills – 420, Sawmills – 930. 1842 – Upper Canada; Grist Mills – 414, Oatmeal Mills – 63, Barley Mills – 41, Carding and Fulling Mills – 330, Oil Mills – 48, Paper Mills – 14, Sawmills – 897, Threshing Mills – 996, Iron Foundries – 22, Trip Hammers – 10, Breweries – 96, Distilleries – 147, Nail Factories – 6, Pot- and Pearl-Ash Asheries – 1,021, and Tanneries – 261. 1844 – Lower Canada; Grist Mills – 422, Sawmills – 911, Barley Mills – 45, Oatmeal Mills – 108, Carding and Fulling Mills – 322, Threshing Mills – 469, Oil Mills – 14, Foundries – 69, Trip Hammers – 18, Nail Factories – 6, Distilleries – 36, Breweries – 30, Tanneries – 335, Paper Mills – 8, Pot- and Pearl-Ash Asheries – 540, and Other – 86.

3 Carding Mills only. 4 Grist Mills only. 5 Foundries only. 6 Shipyards only.

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